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PREFACE

Target your Maths has been written for pupils in Year 2 and their teachers.

The intention of this workbook is to provide teachers with material to teach the statutory requirements set out in the Year 2 Programme of Study for Mathematics in the renewed 2014 National Curriculum Framework. The Programme of Study Guide matches the statutory requirements with the relevant page or pages.

Each page is divided into three sections.

- Section A: activities based upon work previously covered. This section generally matches the requirements for Year 1 pupils. It can be used to remind children of work previously covered, as well as providing material for the less confident child.
- Section B: activities based upon the requirements for Year 2 pupils. Most children should be able to work successfully at this level.
- Section C: activities providing extension material for the faster workers and for those who need to be moved quickly onto more challenging tasks. The work in this section generally matches the requirements for the Year 3 pupils. Problems in Section C can also provide useful material for discussion in the plenary session.
- The correspondence of the three sections A–C to the requirements for different year groups provides a simple, manageable structure for planning differentiated activities and for both formal and informal assessment of children's progress. The commonality of the content pitched at different levels also allows for progression within the lesson. Children acquiring confidence at one level find they can successfully complete activities at the next level.

Target your Maths has been organised into a three term school year. Each term there are activities covering statutory requirements in each of the seven domains in the renewed Framework. The Number and Measurement domains are revisited within each term, whereas Fractions, Geometry and Statistics are dealt with as discrete topics. There is, of course, no set path through either the Year 2 Programme of Study or Target your Maths but teachers may find the approach used in this workbook useful for planning purposes.

The author is indebted to many colleagues who have assisted him in this work. He is particularly grateful to Sharon Granville and Davina Tunkel for their invaluable advice and assistance.

Stephen Pearce

Year 2 NC Programme of Study Guide

THE REFERENCES ARE PAGE NUMBERS IN TARGET YOUR MATHS

NUMBER AND PLACE VALUE

- 1, 47, 64, 81 count in steps of 2, 3 and 5 from 0, and in tens from any number, forward and backward
- 2 recognise the place value of each digit in a two-digit number (tens, ones)
- 46, 82 identify, represent and estimate numbers using different representations, including the number line
- 3, 33 compare and order numbers from 0 up to 100; use $<$, $>$ and $=$ signs
- 32 read and write numbers to at least 100 in numerals and in words
- 65 use place value and number facts to solve problems.

ADDITION AND SUBTRACTION

Solve problems with addition and subtraction:

- 55, 56, 74, 90 using concrete objects and pictorial representations, including those involving numbers, quantities and measures
- 4, 11, 35, 40, 68, 73 applying their increasing knowledge of mental and written methods
- 24, 53 recall and use addition and subtraction facts to 20 fluently, and derive and use related facts up to 100
- add and subtract numbers using concrete objects, pictorial representations, and mentally, including:
- 5, 10, 34, 39 a two-digit number and ones
- 66, 72 a two-digit number and tens
- 6, 41 two two-digit numbers
- 26, 67 adding three one-digit numbers
- 25 show that addition of two numbers can be done in any order (commutative) and subtraction of one number from another cannot
- 54, 88, 89 recognise and use the inverse relationship between addition and subtraction and use this to check calculations and solve missing number problems.

MULTIPLICATION AND DIVISION

- 21, 22, 29, 48, 49, 83, 95 recall and use multiplication and division facts for the 2, 5 and 10 multiplication tables, including recognising odd and even numbers
- 60 calculate mathematical statements for multiplication and division within the multiplication tables and write them using the multiplication (\times), division (\div) and equals (=) signs
- 59, 84, 93 show that multiplication of two numbers can be done in any order (commutative) and division of one number by another cannot
- 19, 20, 61, 94 solve problems involving multiplication and division, using materials, arrays, repeated addition, mental methods, and multiplication and division facts, including problems in contexts.

FRACTIONS

- 23, 50, 51, 85, 86 recognise, find, name and write fractions $\frac{1}{3}$, $\frac{1}{4}$, $\frac{2}{4}$ and $\frac{3}{4}$ of a length, shape, set of objects or quantity
- 50, 51, 86, 87 write simple fractions for example, $\frac{1}{2}$ of $6 = 3$ and recognise the equivalence of $\frac{2}{4}$ and $\frac{1}{2}$.

MEASUREMENT

- 7–9, 37, 38, 69, 70 choose and use appropriate standard units to estimate and measure length/height in any direction (m/cm); mass (kg/g); temperatures ($^{\circ}\text{C}$); capacity (litres/ml) to the nearest appropriate unit, using rulers, scales, thermometers and measuring vessels
- 71 compare and order lengths, mass, volume/capacity and record the results $>$, $<$ and $=$
- 13, 42 recognise and use symbols for pounds (£) and pence (p); combine amounts to make a particular value
- 42, 75 find different combinations of coins that equal the same amounts of money
- 14, 76 solve simple problems in a practical context involving addition and subtraction of money of the same unit, including giving change
- 63 compare and sequence intervals of time
- 30, 62, 96 tell and write the time to five minutes, including quarter past/to the hour and draw the hands on a clock face to show these times
- 31 know the number of minutes in an hour and the number of hours in a day.

GEOMETRY

- 15–17 identify and describe the properties of 2-D shapes, including the number of sides and line symmetry in a vertical line
- 43 identify and describe the properties of 3-D shapes, including the number of edges, vertices and faces
- 44 identify 2-D shapes on the surface of 3-D shapes, [for example, a circle on a cylinder and a triangle on a pyramid]
- 45 compare and sort common 2-D and 3-D shapes and everyday objects
- 18 order and arrange combinations of mathematical objects in patterns and sequences
- 77–80 use mathematical vocabulary to describe position, direction and movement, including movement in a straight line and distinguishing between rotation as a turn and in terms of right angles for quarter, half and three-quarter turns (clockwise and anti-clockwise).

STATISTICS

- 27, 28, 57, 58, 91, 92 interpret and construct simple pictograms, tally charts, block diagrams and simple tables
- 27, 28, 57, 58, 91, 92 ask and answer simple questions by counting the number of objects in each category and sorting the categories by quantity
- 27, 28, 57, 58, 91, 92 ask and answer questions about totalling and comparing categorical data.



Year 2

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A

Fill in the boxes.

2 4 6

14 16 18

8 10 12

16 18 20

12 14 16

Count on.

4 twos from 0

5 twos from 4

4 twos from 14

6 twos from 6

5 twos from 10

Count on.

4 twos from 8

5 twos from 12

3 twos from 18

6 twos from 2

4 twos from 16

B

Fill in the boxes.

28 30 32

18 16 14

52 54 56

30 28 26

76 78 80

Count on.

3 twos from 38

7 twos from 62

6 twos from 86

5 twos from 20

4 twos from 44

Count back.

5 twos from 36

4 twos from 72

6 twos from 58

3 twos from 24

4 twos from 100

C

Count on.

6 twos from 376

8 twos from 140

7 twos from 794

9 twos from 218

5 twos from 952

Count back.

4 twos from 124

6 twos from 480

9 twos from 548

5 twos from 806

7 twos from 312

How many twos?

94 to 106

88 to 104

90 to 112

92 to 102

98 to 116

A

Fill in the boxes.

$16 = \boxed{10} + 6$

$83 = 80 + \boxed{}$

$57 = \boxed{} + 7$

$24 = 20 + \boxed{}$

$69 = \boxed{} + 9$

$48 = 40 + \boxed{}$

$91 = \boxed{} + 1$

$35 = 30 + \boxed{}$

$76 = \boxed{} + 6$

$54 = 50 + \boxed{}$

$28 = \boxed{} + 8$

$85 = 80 + \boxed{}$

$62 = \boxed{} + 2$

$43 = 40 + \boxed{}$

$97 = \boxed{} + 7$

B

Write the value of the underlined digit?

$3 \underline{9} \boxed{9}$

$\underline{7} 3 \boxed{}$

$\underline{9} 8 \boxed{}$

$6 \underline{5} \boxed{}$

$\underline{2} 6 \boxed{}$

$8 \underline{2} \boxed{}$

$\underline{5} 9 \boxed{}$

$4 \underline{7} \boxed{}$

$9 \underline{4} \boxed{}$

$\underline{3} 2 \boxed{}$

$\underline{2} 1 \boxed{}$

$7 \underline{5} \boxed{}$

$\underline{6} 3 \boxed{}$

$\underline{4} 2 \boxed{}$

$8 \underline{6} \boxed{}$

C

Write the value of the underlined digit?.

$3 \underline{1} 9 \boxed{}$

$\underline{2} 3 7 \boxed{}$

$9 \underline{7} 0 \boxed{}$

$5 4 \underline{8} \boxed{}$

$1 \underline{6} 5 \boxed{}$

$\underline{6} 8 4 \boxed{}$

$8 5 \underline{2} \boxed{}$

$\underline{7} 0 6 \boxed{}$

$2 \underline{9} 3 \boxed{}$

$\underline{9} 2 7 \boxed{}$

$4 7 \underline{5} \boxed{}$

$8 \underline{4} 9 \boxed{}$

$\underline{2} 8 1 \boxed{}$

$5 3 \underline{4} \boxed{}$

$3 \underline{5} 6 \boxed{}$

A Colour the larger number.

Colour the smaller number.

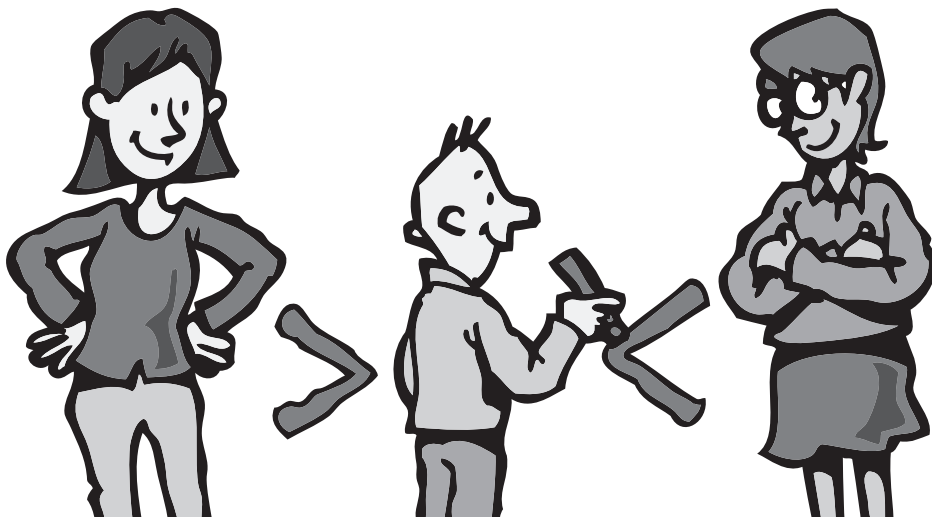
<input type="radio"/> 17	or	<input type="radio"/> 14		<input type="radio"/> 31	or	<input type="radio"/> 13		<input type="radio"/> 47	or	<input type="radio"/> 54		<input type="radio"/> 52	or	<input type="radio"/> 25
<input type="radio"/> 26	or	<input type="radio"/> 19		<input type="radio"/> 23	or	<input type="radio"/> 29		<input type="radio"/> 86	or	<input type="radio"/> 85		<input type="radio"/> 28	or	<input type="radio"/> 31
<input type="radio"/> 59	or	<input type="radio"/> 61		<input type="radio"/> 75	or	<input type="radio"/> 82		<input type="radio"/> 91	or	<input type="radio"/> 79		<input type="radio"/> 43	or	<input type="radio"/> 39
<input type="radio"/> 68	or	<input type="radio"/> 82		<input type="radio"/> 13	or	<input type="radio"/> 9		<input type="radio"/> 34	or	<input type="radio"/> 40		<input type="radio"/> 79	or	<input type="radio"/> 80

B Write $>$ or $<$ in the box.

61	<input type="text"/>	59		25	<input type="text"/>	23		69	<input type="text"/>	71		56	<input type="text"/>	55
99	<input type="text"/>	100		36	<input type="text"/>	34		74	<input type="text"/>	82		85	<input type="text"/>	86
53	<input type="text"/>	35		87	<input type="text"/>	89		93	<input type="text"/>	100		48	<input type="text"/>	50
78	<input type="text"/>	87		42	<input type="text"/>	39		21	<input type="text"/>	19		60	<input type="text"/>	59

C Write $>$ or $<$ in the box.

283	<input type="text"/>	238		158	<input type="text"/>	185		246	<input type="text"/>	264		927	<input type="text"/>	909
319	<input type="text"/>	321		724	<input type="text"/>	472		362	<input type="text"/>	266		584	<input type="text"/>	548
970	<input type="text"/>	799		697	<input type="text"/>	719		139	<input type="text"/>	93		455	<input type="text"/>	545
835	<input type="text"/>	855		503	<input type="text"/>	350		672	<input type="text"/>	726		806	<input type="text"/>	840



Find the sum of each pair of numbers.

A

10 and 8

7 and 9

12 and 5

3 and 15

7 and 6

12 and 8

5 and 9

4 and 11

20 and 10

50 and 10

10 and 90

10 and 40

76 and 10

34 and 10

10 and 89

10 and 62

B

7 and 36

88 and 4

6 and 19

62 and 9

5 and 37

45 and 8

3 and 79

58 and 7

40 and 30

50 and 50

20 and 70

60 and 40

70 and 23

20 and 58

45 and 40

61 and 30

C

9 and 416

5 and 749

397 and 8

178 and 6

4 and 809

9 and 628

257 and 7

534 and 8

70 and 360

40 and 680

420 and 90

590 and 60

80 and 182

50 and 894

247 and 70

735 and 90

Fill in the boxes.

A

$15 + 2 = 10 + \boxed{7} = \boxed{17}$

$13 + 5 = \boxed{18}$

$17 + 3 = \boxed{}$

$12 + 6 = 10 + \boxed{} = \boxed{}$

$15 + 4 = \boxed{}$

$13 + 2 = \boxed{}$

$11 + 9 = 10 + \boxed{} = \boxed{}$

$11 + 6 = \boxed{}$

$12 + 8 = \boxed{}$

$16 + 3 = 10 + \boxed{} = \boxed{}$

$14 + 1 = \boxed{}$

$14 + 5 = \boxed{}$

$14 + 4 = 10 + \boxed{} = \boxed{}$

$12 + 2 = \boxed{}$

$11 + 3 = \boxed{}$

B

$17 + 9 = \boxed{}$

$19 + 6 = \boxed{}$

$15 + 7 = \boxed{}$

$18 + 9 = \boxed{}$

$15 + 6 = \boxed{}$

$16 + 7 = \boxed{}$

$18 + 6 = \boxed{}$

$17 + 4 = \boxed{}$

$19 + 4 = \boxed{}$

$13 + 8 = \boxed{}$

$19 + 9 = \boxed{}$

$15 + 8 = \boxed{}$

$16 + 9 = \boxed{}$

$18 + 3 = \boxed{}$

$12 + 9 = \boxed{}$

$16 + 6 = \boxed{}$

$18 + 5 = \boxed{}$

$15 + 9 = \boxed{}$

$17 + 7 = \boxed{}$

$14 + 9 = \boxed{}$

$14 + 7 = \boxed{}$

$17 + 8 = \boxed{}$

$16 + 8 = \boxed{}$

$18 + 7 = \boxed{}$

C

$38 + 7 = \boxed{}$

$47 + 8 = \boxed{}$

$69 + 5 = \boxed{}$

$96 + 8 = \boxed{}$

$64 + 8 = \boxed{}$

$83 + 7 = \boxed{}$

$76 + 6 = \boxed{}$

$45 + 6 = \boxed{}$

$57 + 6 = \boxed{}$

$29 + 8 = \boxed{}$

$24 + 7 = \boxed{}$

$28 + 9 = \boxed{}$

$75 + 9 = \boxed{}$

$66 + 9 = \boxed{}$

$98 + 4 = \boxed{}$

$99 + 7 = \boxed{}$

$26 + 7 = \boxed{}$

$95 + 7 = \boxed{}$

$37 + 9 = \boxed{}$

$63 + 9 = \boxed{}$

$39 + 3 = \boxed{}$

$58 + 8 = \boxed{}$

$52 + 9 = \boxed{}$

$87 + 5 = \boxed{}$

Examples

$$\begin{array}{r} 35 \\ + 23 \\ \hline 8 \\ \hline 50 \\ \hline 58 \end{array}$$

Add units
Add tens
Find total

$$\begin{array}{r} 35 \\ + 29 \\ \hline 14 \\ \hline 50 \\ \hline 64 \end{array}$$

$$\begin{array}{r} 35 \\ + 29 \\ \hline 64 \\ \hline 1 \end{array}$$

$5 + 9 = 14$
4 in units column
10 is carried into tens (1)

Use the above examples. Set out in columns and work out.

A

$$\begin{array}{r} 13 \\ + 12 \\ \hline 5 \\ \hline 20 \\ \hline \end{array}$$

$$\begin{array}{r} 12 \\ + 17 \\ \hline \end{array}$$

$$\begin{array}{r} 26 \\ + 13 \\ \hline \end{array}$$

$$\begin{array}{r} 24 \\ + 24 \\ \hline \end{array}$$

$$\begin{array}{r} 31 \\ + 18 \\ \hline \end{array}$$

$$\begin{array}{r} 45 \\ + 14 \\ \hline \end{array}$$

$$\begin{array}{r} 51 \\ + 17 \\ \hline \end{array}$$

$$\begin{array}{r} 37 \\ + 20 \\ \hline \end{array}$$

B

$$\begin{array}{r} 35 \\ + 28 \\ \hline \end{array}$$

$$\begin{array}{r} 37 \\ + 34 \\ \hline \end{array}$$

$$\begin{array}{r} 58 \\ + 19 \\ \hline \end{array}$$

$$\begin{array}{r} 69 \\ + 26 \\ \hline \end{array}$$

C

$$\begin{array}{r} 49 \\ + 33 \\ \hline \end{array}$$

$$\begin{array}{r} 55 \\ + 35 \\ \hline \end{array}$$

$$\begin{array}{r} 67 \\ + 18 \\ \hline \end{array}$$

$$\begin{array}{r} 36 \\ + 29 \\ \hline \end{array}$$

$$\begin{array}{r} 57 \\ + 26 \\ \hline \end{array}$$

$$\begin{array}{r} 74 \\ + 18 \\ \hline \end{array}$$

$$\begin{array}{r} 34 \\ + 36 \\ \hline \end{array}$$

$$\begin{array}{r} 63 \\ + 28 \\ \hline \end{array}$$

$$\begin{array}{r} 39 \\ + 28 \\ \hline \end{array}$$

$$\begin{array}{r} 46 \\ + 15 \\ \hline \end{array}$$

A

Write m or cm in the box.

car	<input type="text" value="m"/>	house	<input type="text"/>	brick	<input type="text"/>
key	<input type="text"/>	book	<input type="text"/>	road	<input type="text"/>
fish	<input type="text"/>	playground	<input type="text"/>	hand	<input type="text"/>
tree	<input type="text"/>	can	<input type="text"/>	wall	<input type="text"/>

B

Colour the most sensible estimate.

length of classroom

finger length

football pitch

height of mug

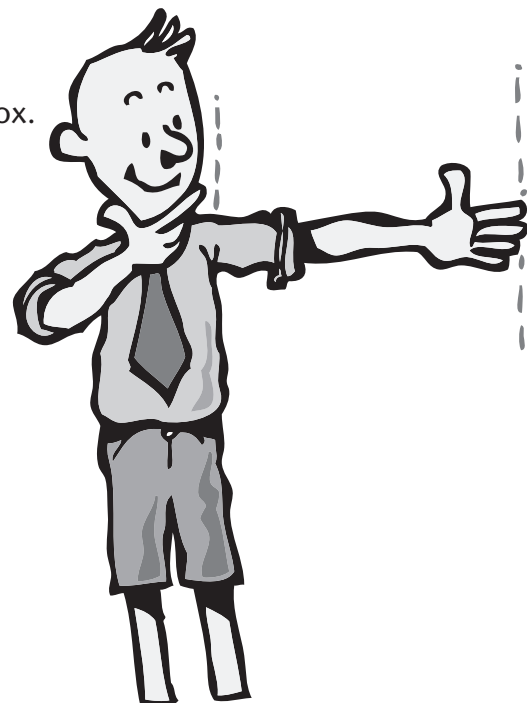
door height

skipping rope

C

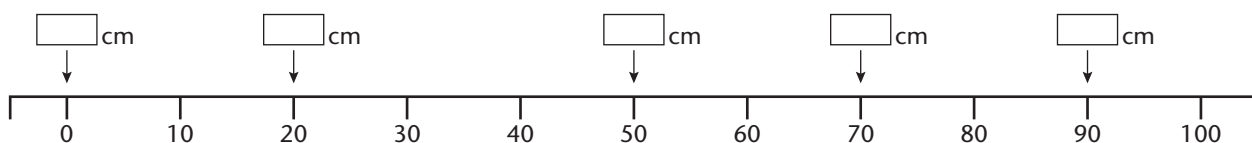
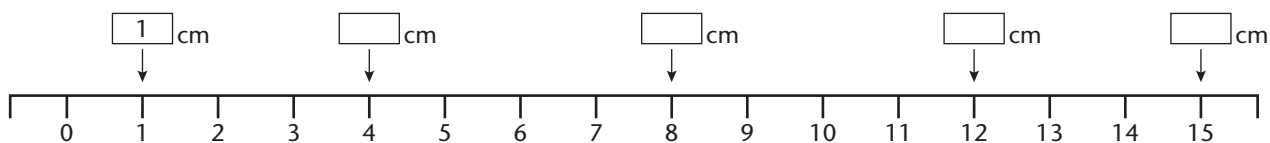
Choose the most sensible units. Write mm, cm, m or km in the box.

a fence	<input type="text"/>	a smartie	<input type="text"/>
a chair	<input type="text"/>	a pond	<input type="text"/>
England	<input type="text"/>	a boat	<input type="text"/>
an ant	<input type="text"/>	a counter	<input type="text"/>
a bottle	<input type="text"/>	an arm	<input type="text"/>
a coach trip	<input type="text"/>	a river	<input type="text"/>

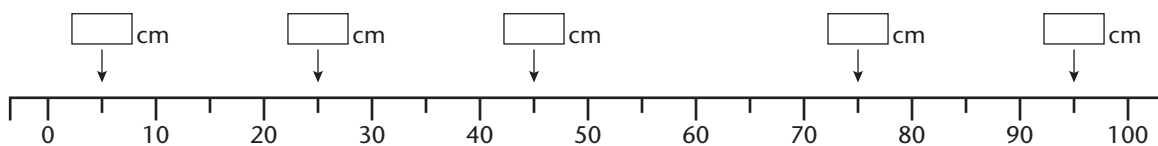
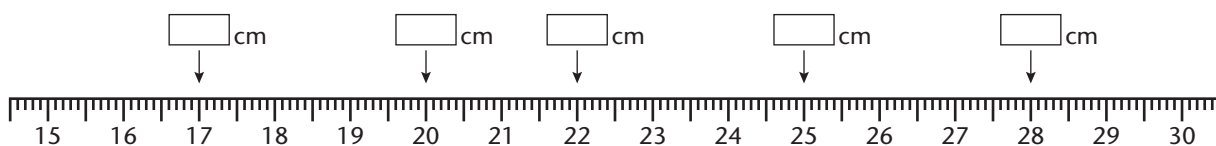


Fill in the boxes.

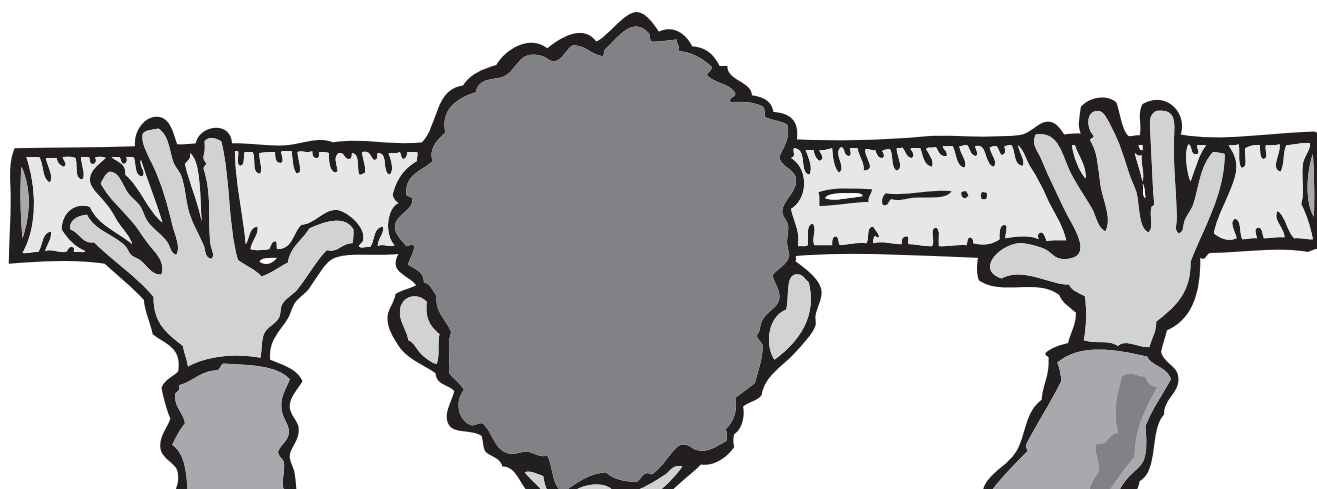
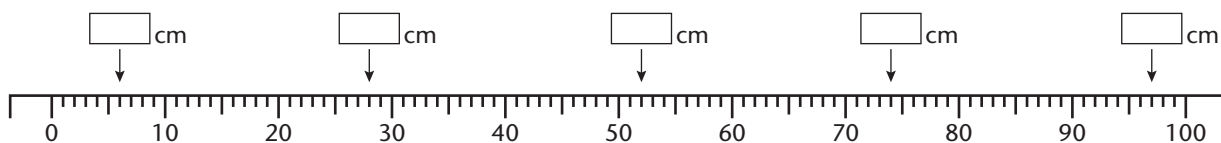
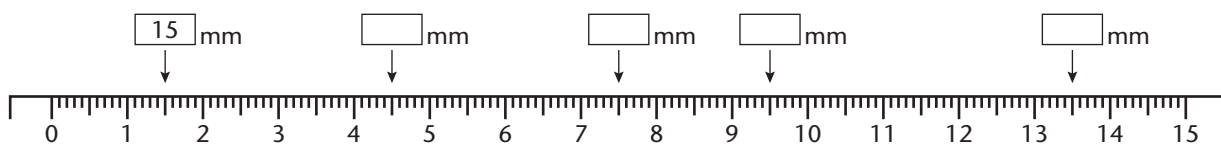
A



B

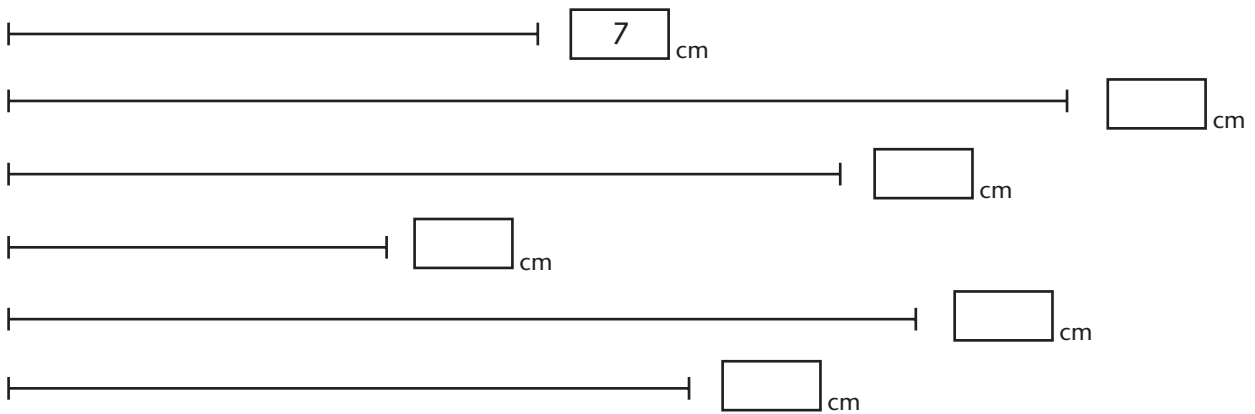


C



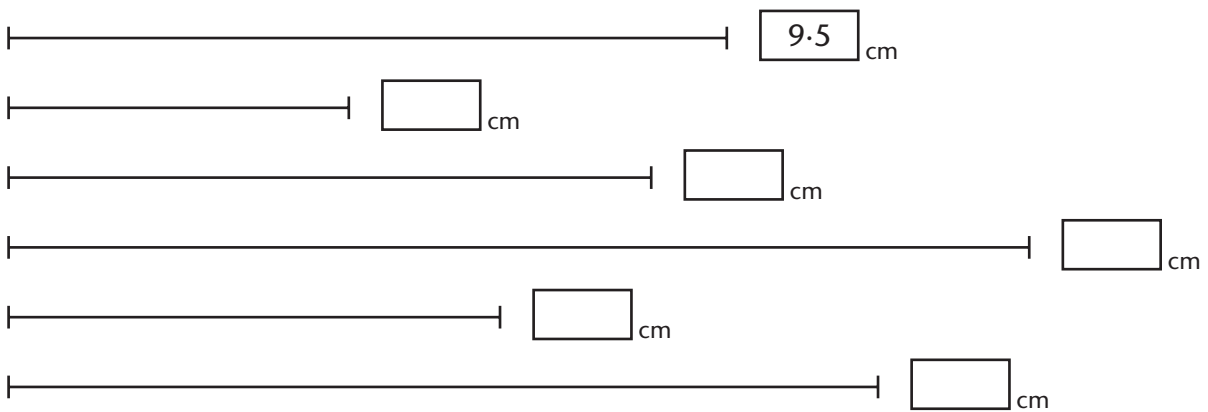
A

Measure these lines to the nearest centimetre.



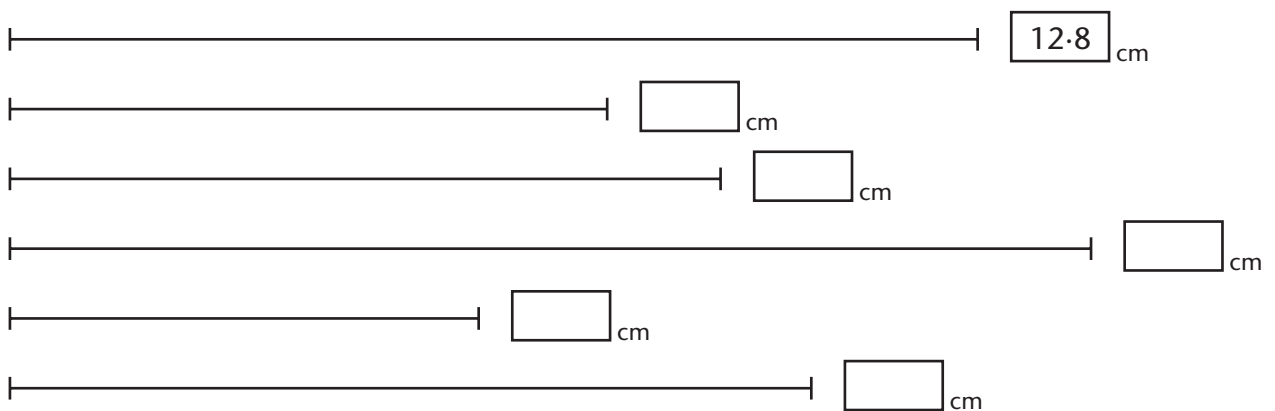
B

Measure these lines to the nearest half centimetre.



C

Measure these lines to the nearest millimetre.



Sheet 10 SUBTRACTING SINGLE-DIGIT NUMBERS 1 10

Fill in the boxes.

A

$13 - 6$	<input type="text" value="7"/>	$16 - 5$	<input type="text"/>	$11 - 6$	<input type="text"/>	$16 - 8$	<input type="text"/>
$20 - 11$	<input type="text"/>	$13 - 9$	<input type="text"/>	$13 - 8$	<input type="text"/>	$14 - 5$	<input type="text"/>
$11 - 3$	<input type="text"/>	$17 - 8$	<input type="text"/>	$18 - 9$	<input type="text"/>	$11 - 9$	<input type="text"/>
$14 - 7$	<input type="text"/>	$14 - 9$	<input type="text"/>	$12 - 5$	<input type="text"/>	$17 - 4$	<input type="text"/>
$12 - 8$	<input type="text"/>	$19 - 5$	<input type="text"/>	$20 - 7$	<input type="text"/>	$12 - 3$	<input type="text"/>

B

$21 - 7$	<input type="text"/>	$23 - 9$	<input type="text"/>	$24 - 5$	<input type="text"/>	$21 - 8$	<input type="text"/>
$28 - 3$	<input type="text"/>	$27 - 6$	<input type="text"/>	$21 - 4$	<input type="text"/>	$23 - 7$	<input type="text"/>
$23 - 4$	<input type="text"/>	$30 - 8$	<input type="text"/>	$26 - 7$	<input type="text"/>	$30 - 5$	<input type="text"/>
$26 - 9$	<input type="text"/>	$24 - 7$	<input type="text"/>	$29 - 9$	<input type="text"/>	$27 - 9$	<input type="text"/>
$22 - 8$	<input type="text"/>	$22 - 4$	<input type="text"/>	$25 - 8$	<input type="text"/>	$24 - 8$	<input type="text"/>
$25 - 7$	<input type="text"/>	$28 - 9$	<input type="text"/>	$22 - 3$	<input type="text"/>	$25 - 6$	<input type="text"/>

C

$70 - 4$	<input type="text"/>	$32 - 7$	<input type="text"/>	$88 - 7$	<input type="text"/>	$84 - 9$	<input type="text"/>
$53 - 8$	<input type="text"/>	$46 - 9$	<input type="text"/>	$63 - 9$	<input type="text"/>	$31 - 3$	<input type="text"/>
$34 - 6$	<input type="text"/>	$74 - 8$	<input type="text"/>	$92 - 5$	<input type="text"/>	$79 - 5$	<input type="text"/>
$61 - 5$	<input type="text"/>	$93 - 6$	<input type="text"/>	$66 - 8$	<input type="text"/>	$43 - 4$	<input type="text"/>
$95 - 9$	<input type="text"/>	$51 - 9$	<input type="text"/>	$45 - 6$	<input type="text"/>	$80 - 6$	<input type="text"/>
$87 - 8$	<input type="text"/>	$65 - 7$	<input type="text"/>	$30 - 9$	<input type="text"/>	$52 - 9$	<input type="text"/>

Find the difference between each pair of numbers.

A

7 and 11

4

15 and 8

10 and 100

18 and 9

17 and 20

14 and 6

16 and 7

80 and 10

19 and 12

10 and 40

8 and 17

12 and 6

13 and 18

60 and 10

4 and 13

20 and 6

B

57 and 8

60 and 90

9 and 74

83 and 7

69 and 50

31 and 5

7 and 84

92 and 4

53 and 20

81 and 5

30 and 87

7 and 52

9 and 63

24 and 5

45 and 8

70 and 95

C

183 and 5

671 and 8

213 and 6

40 and 502

800 and 2

29 and 16

90 and 278

320 and 50

854 and 6

9 and 497

80 and 136

712 and 8

4 and 591

5 and 170

743 and 60

8 and 434

Examples

$$\begin{array}{r} 56 \\ - 24 \\ \hline 2 \quad (6 - 4 = 2) \\ \dots\dots\dots \\ 30 \quad (50 - 20 = 30) \\ \hline 32 \quad \text{Total} \end{array}$$

$$\begin{array}{r} 56 \\ - 24 \quad (6 - 4 = 2) \\ \hline 32 \quad (50 - 20 = 30) \end{array}$$

$$\begin{array}{r} \overset{4}{\cancel{5}}6 \quad 6 - 8 \\ - 28 \quad \text{Borrow 10 } (\overset{4}{\cancel{5}}6) \\ \hline 28 \quad 16 - 8 = 8 \\ 40 - 20 = 20 \end{array}$$

Use the above examples. Set out in columns.

A

$$\begin{array}{r} 28 \\ - 15 \\ \hline 3 \\ \dots\dots\dots \\ 10 \end{array}$$

$$\begin{array}{r} 37 \\ - 24 \\ \hline \dots\dots\dots \\ \hline \end{array}$$

$$\begin{array}{r} 35 \\ - 13 \\ \hline \dots\dots\dots \\ \hline \end{array}$$

$$\begin{array}{r} 59 \\ - 17 \\ \hline \dots\dots\dots \\ \hline \end{array}$$

$$\begin{array}{r} 56 \\ - 21 \\ \hline \dots\dots\dots \\ \hline \end{array}$$

$$\begin{array}{r} 46 \\ - 25 \\ \hline \dots\dots\dots \\ \hline \end{array}$$

$$\begin{array}{r} 44 \\ - 14 \\ \hline \dots\dots\dots \\ \hline \end{array}$$

$$\begin{array}{r} 53 \\ - 30 \\ \hline \dots\dots\dots \\ \hline \end{array}$$

B

$$\begin{array}{r} 57 \\ - 43 \\ \hline 14 \end{array}$$

$$\begin{array}{r} 85 \\ - 52 \\ \hline \end{array}$$

$$\begin{array}{r} 79 \\ - 27 \\ \hline \end{array}$$

$$\begin{array}{r} 98 \\ - 48 \\ \hline \end{array}$$

$$\begin{array}{r} 64 \\ - 23 \\ \hline \end{array}$$

$$\begin{array}{r} 49 \\ - 25 \\ \hline \end{array}$$

$$\begin{array}{r} 76 \\ - 52 \\ \hline \end{array}$$

$$\begin{array}{r} 58 \\ - 23 \\ \hline \end{array}$$

$$\begin{array}{r} 87 \\ - 20 \\ \hline \end{array}$$

$$\begin{array}{r} 96 \\ - 54 \\ \hline \end{array}$$

$$\begin{array}{r} 69 \\ - 46 \\ \hline \end{array}$$

$$\begin{array}{r} 73 \\ - 33 \\ \hline \end{array}$$

C

$$\begin{array}{r} \overset{5}{\cancel{6}}6 \\ - 39 \\ \hline \end{array}$$

$$\begin{array}{r} 90 \\ - 61 \\ \hline \end{array}$$

$$\begin{array}{r} 74 \\ - 18 \\ \hline \end{array}$$

$$\begin{array}{r} 52 \\ - 34 \\ \hline \end{array}$$

$$\begin{array}{r} 83 \\ - 39 \\ \hline \end{array}$$

$$\begin{array}{r} 93 \\ - 76 \\ \hline \end{array}$$

$$\begin{array}{r} 71 \\ - 39 \\ \hline \end{array}$$

$$\begin{array}{r} 62 \\ - 57 \\ \hline \end{array}$$



















$$\begin{array}{r} 80 \\ - 66 \\ \hline \end{array}$$

$$\begin{array}{r} 97 \\ - 38 \\ \hline \end{array}$$

$$\begin{array}{r} 55 \\ - 29 \\ \hline \end{array}$$

$$\begin{array}{r} 43 \\ - 27 \\ \hline \end{array}$$

A Write the amount.

		<input type="text" value="25"/> p			<input type="text"/> p			<input type="text"/> p
		<input type="text"/> p			<input type="text"/> p			<input type="text"/> p
		<input type="text"/> p			<input type="text"/> p			<input type="text"/> p

B Make the amounts. Use the number of notes and coins shown.

£25

£10.70

£40

£21.50

£35

£7.05

C Make the amounts. Use the number of notes and coins shown.

£30.25

£15.60

£25.11

£10.56







£5.45







£20.17












Fill in the boxes.










A

cost	pay	change
		<input type="text" value="4"/> p
		<input type="text"/> p
		<input type="text"/> p









cost	pay	change
		<input type="text"/> p
		<input type="text"/> p
		<input type="text"/> p











B

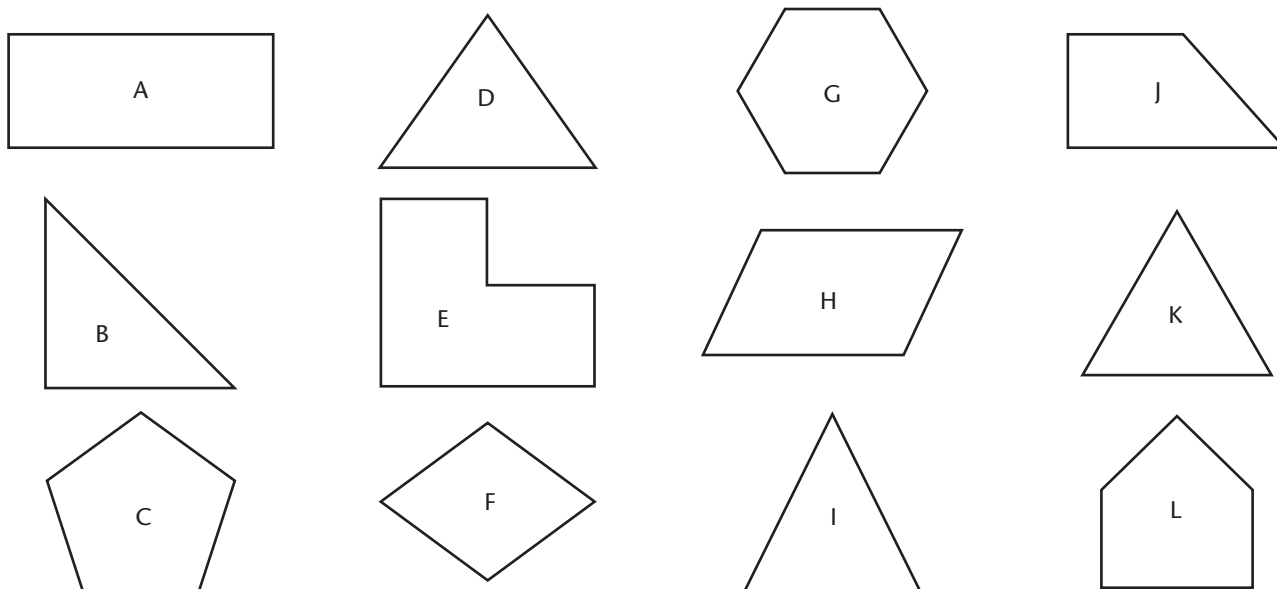
cost	pay	change
	 	<input type="text"/> p
	 	<input type="text"/> p
	 	<input type="text"/> p

cost	pay	change
	 	<input type="text"/> p
	 	<input type="text"/> p
	 	<input type="text"/> p

C

cost	pay	change
		<input type="text"/> p
		<input type="text"/> p
		£ <input type="text"/>
		<input type="text"/> p

cost	pay	change
	 	<input type="text"/> p
	 	<input type="text"/> p
		£ <input type="text"/>
		£ <input type="text"/>



A

Write the number of sides in each of the above shapes.

A	<input type="text"/>	D	<input type="text"/>	G	<input type="text"/>	J	<input type="text"/>
B	<input type="text"/>	E	<input type="text"/>	H	<input type="text"/>	K	<input type="text"/>
C	<input type="text"/>	F	<input type="text"/>	I	<input type="text"/>	L	<input type="text"/>

B

hexagon pentagon quadrilateral rectangle triangle

Use the words above. Write the name of each of the shapes A–L.

A	D	G	J
B	E	H	K
C	F	I	L

Which shapes are symmetrical?

C

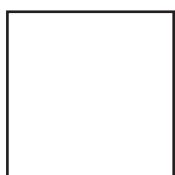
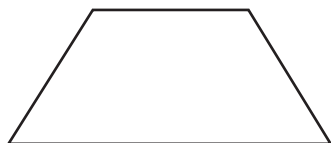
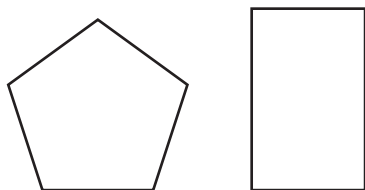
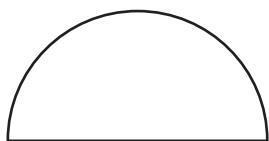
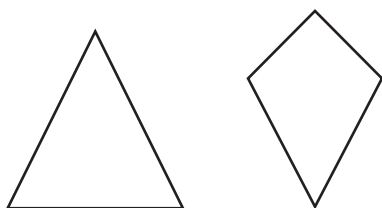
Write the letter of the shape which matches the description.

<input type="checkbox"/>	quadrilateral – no equal sides	<input type="checkbox"/>	quadrilateral – all sides equal
<input type="checkbox"/>	hexagon – has right angles	<input type="checkbox"/>	hexagon – all angles equal
<input type="checkbox"/>	pentagon – all sides equal	<input type="checkbox"/>	triangle – 2 equal sides
<input type="checkbox"/>	triangle – 3 equal angles	<input type="checkbox"/>	quadrilateral – no right angles

A

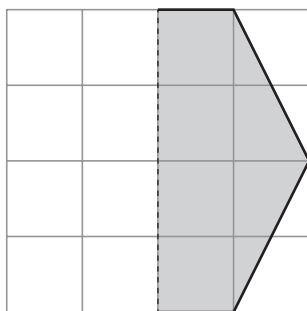
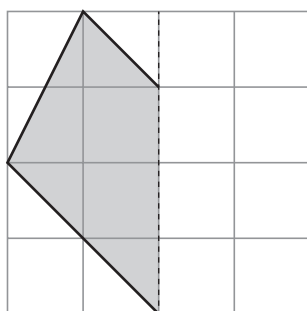
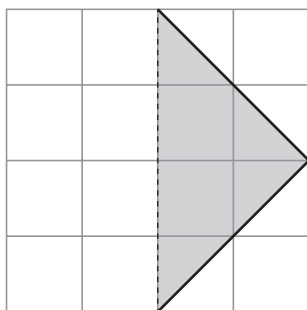
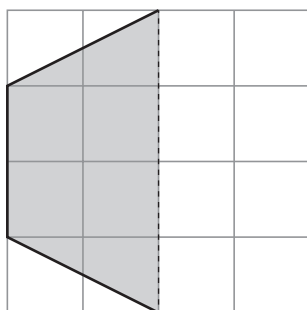
Use a ruler.

Draw one line of symmetry.



B

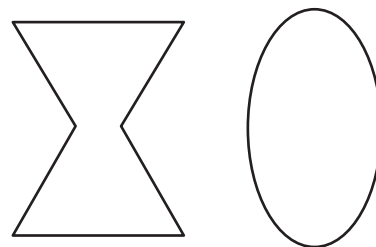
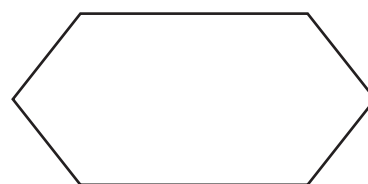
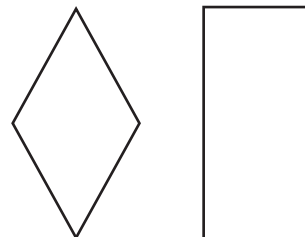
Complete the symmetrical shapes.



C

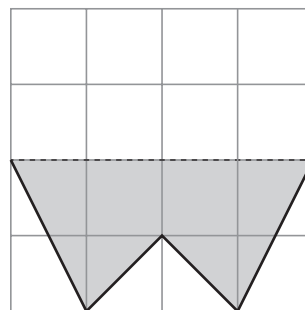
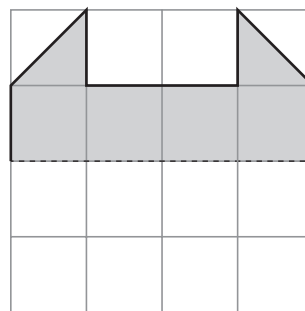
Use a ruler.

Draw on 2 lines of symmetry.



Complete the shape.

Draw on another line of symmetry.

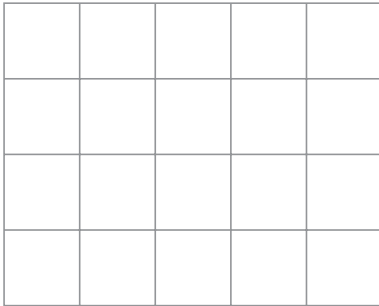


A

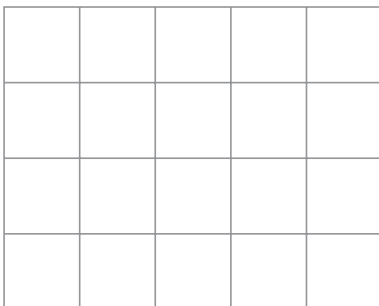
Use a ruler.

Draw these shapes using the grid lines.

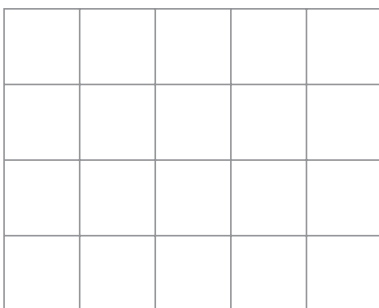
rectangle
sides 4 cm, 2 cm



square
sides 3 cm



rectangle
sides 4 cm × 3 cm



B

Use a set square or page corner to draw quarter turns.

Draw these shapes.

rectangle 5 cm by 3 cm

square 4 cm by 4 cm

rectangle 2 cm by 6 cm

C

Draw these shapes accurately.

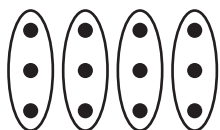
rectangle
4.5 cm by 5.5 cm

square
3.5 cm by 3.5 cm

rectangle
5.5 cm by 2.5 cm

A

Group the dots.
Fill in the boxes.



$$3 + 3 + 3 + 3 = \square$$

$$4 \times 3 = \square$$



$$6 + 6 = \square$$

$$2 \times 6 = \square$$



$$4 + 4 + 4 + 4 + 4 = \square$$

$$5 \times 4 = \square$$



$$10 + 10 + 10 = \square$$

$$3 \times 10 = \square$$

B

Group the dots.
Fill in the boxes.



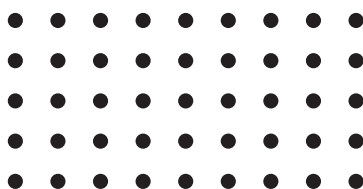
$$\text{three } 7\text{s} = \square$$

$$3 \times 7 = \square$$



$$\text{two } 8\text{s} = \square$$

$$2 \times 8 = \square$$



$$\text{five } 9\text{s} = \square$$

$$5 \times 9 = \square$$



$$\text{eight } 3\text{s} = \square$$

$$8 \times 3 = \square$$

C

Draw the dots.
Fill in the boxes.

$$\text{eight } 5\text{s} = \square$$

$$8 \times 5 = \square$$

$$\text{two } 11\text{s} = \square$$

$$2 \times 11 = \square$$

$$\text{seven } 4\text{s} = \square$$

$$7 \times 4 = \square$$

$$\text{three } 9\text{s} = \square$$

$$3 \times 9 = \square$$

Group the dots. Counts the groups. Fill in the boxes.

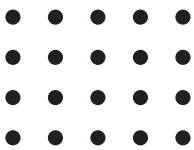
A

Group in 3s.



$$\boxed{15} \div 3 = \boxed{5}$$

Group in 5s.



$$\boxed{} \div 5 = \boxed{}$$

Group in 2s.



$$\boxed{} \div 2 = \boxed{}$$

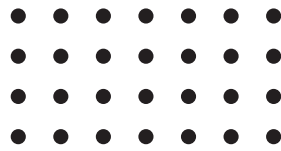
Group in 4s.



$$\boxed{} \div 4 = \boxed{}$$

B

Group in 2s.



$$\boxed{} \div 2 = \boxed{}$$

Group in 3s.



$$\boxed{} \div 3 = \boxed{}$$

Group in 4s.



$$\boxed{} \div 4 = \boxed{}$$

Group in 6s.



$$\boxed{} \div 6 = \boxed{}$$

C

Fill in the boxes.

40 counters.

groups of 2

groups of 5

groups of 10

groups of 20

groups of 8

24 books

piles of 2

piles of 3

piles of 4

piles of 6

piles of 8

60p

£1

2ps

50ps

5ps

20ps

10ps

10ps

20ps

5ps

1ps

2ps

A

Colour the 2 times table.

1	2	3	4	5	6	7	8	9	10	11	12
13	14	15	16	17	18	19	20	21	22	23	24

2 Times Table

2	4										
---	---	--	--	--	--	--	--	--	--	--	--

B

$3 \times 2 = 6$
 $12 \times 2 = \square$
 $10 \div 2 = 5$
 $14 \div 2 = \square$

$10 \times 2 = \square$
 $1 \times 2 = \square$
 $22 \div 2 = \square$
 $20 \div 2 = \square$

$9 \times 2 = \square$
 $8 \times 2 = \square$
 $12 \div 2 = \square$
 $4 \div 2 = \square$

$5 \times 2 = \square$
 $6 \times 2 = \square$
 $2 \div 2 = \square$
 $24 \div 2 = \square$

$2 \times 2 = \square$
 $11 \times 2 = \square$
 $18 \div 2 = \square$
 $8 \div 2 = \square$

$7 \times 2 = \square$
 $4 \times 2 = \square$
 $6 \div 2 = \square$
 $16 \div 2 = \square$

C

$9 \times 2 = 18$
 $\square \times 2 = 8$
 $\square \div 2 = 7$
 $\square \div 2 = 1$

$\square \times 2 = 4$
 $\square \times 2 = 20$
 $\square \div 2 = 4$
 $\square \div 2 = 8$

$\square \times 2 = 14$
 $\square \times 2 = 16$
 $\square \div 2 = 11$
 $\square \div 2 = 3$

$\square \times 2 = 24$
 $\square \times 2 = 12$
 $\square \div 2 = 2$
 $\square \div 2 = 5$

$\square \times 2 = 10$
 $\square \times 2 = 6$
 $\square \div 2 = 6$
 $\square \div 2 = 12$

$\square \times 2 = 2$
 $\square \times 2 = 22$
 $\square \div 2 = 10$
 $\square \div 2 = 9$

A

Colour the numbers.

odd – red

even – yellow

1	11
2	12
3	13
4	14
5	15
6	16
7	17
8	18
9	19
10	20

Fill in the boxes.

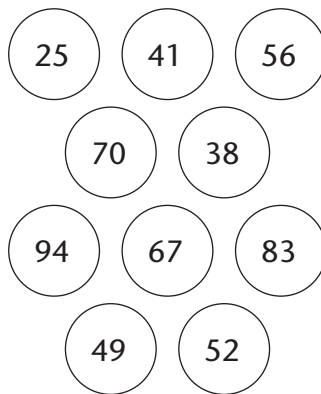
Odd	Even
1	<input type="text"/>
3	4
<input type="text"/>	<input type="text"/>
<input type="text"/>	8
9	<input type="text"/>
<input type="text"/>	<input type="text"/>
<input type="text"/>	14
<input type="text"/>	<input type="text"/>
17	18
<input type="text"/>	<input type="text"/>

B

Colour the numbers.

odd – red

even – yellow



Odd numbers end with

1, 3, or

Even numbers end with

..... or

Fill in the boxes.

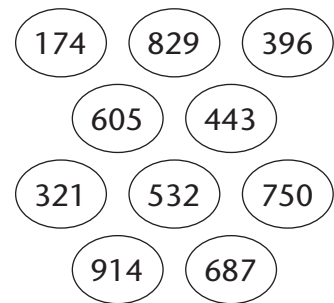
<input type="text"/>	31
52	<input type="text"/>
54	<input type="text"/>
<input type="text"/>	37
<input type="text"/>	<input type="text"/>
60	<input type="text"/>
<input type="text"/>	<input type="text"/>
66	<input type="text"/>
<input type="text"/>	49
<input type="text"/>	<input type="text"/>

C

Colour the numbers.

odd – red

even – yellow



What is the next odd number after:

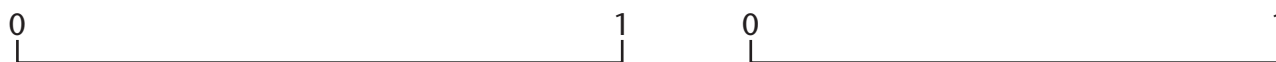
25	<input type="text"/>	136	<input type="text"/>
18	<input type="text"/>	570	<input type="text"/>
81	<input type="text"/>	243	<input type="text"/>
52	<input type="text"/>	394	<input type="text"/>
67	<input type="text"/>	409	<input type="text"/>
59	<input type="text"/>	800	<input type="text"/>

What is the next even number after:

83	<input type="text"/>	175	<input type="text"/>
10	<input type="text"/>	429	<input type="text"/>
47	<input type="text"/>	374	<input type="text"/>
92	<input type="text"/>	601	<input type="text"/>
65	<input type="text"/>	938	<input type="text"/>
79	<input type="text"/>	199	<input type="text"/>

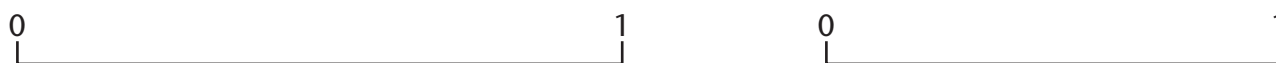
A

Divide each line into halves. Write $\frac{1}{2}$ at the halfway mark.



B

Divide each line into quarters. Label your marks $\frac{1}{4}, \frac{2}{4}, \frac{3}{4}$.



Divide each line into thirds. Label your marks $\frac{1}{3}, \frac{2}{3}$.



C

Find one half of:

16 cm cm

20 cm cm

50 cm cm

400 m m

1 m cm

Find one third of:

15 cm cm

36 m m

600 m m

24 cm cm

30 m m

Find one quarter of:

20 cm cm

32 m m

100 m m

48 cm cm

600 m m

Fill in the boxes.

A

$9 + 6$

$5 + 7$

$12 + 8$

$8 + 5$

$7 + 9$

$4 + 8$

$6 + 7$

$11 + 6$

$15 - 7$

$17 - 5$

$20 - 11$

$12 - 5$

$13 - 9$

$20 - 17$

$14 - 8$

$20 - 6$

B

$80 + 20$

$50 + 30$

$30 + 40$

$60 + 30$

$40 + 60$

$70 + 20$

$10 + 70$

$20 + 40$

$90 - 20$

$60 - 50$

$100 - 40$

$50 - 30$

$70 - 40$

$80 - 60$

$40 - 10$

$100 - 90$

C

$90 + 80$

$70 + 40$

$60 + 90$

$80 + 30$

$500 + 500$

$500 + 200$

$400 + 600$

$100 + 500$

$160 - 30$

$130 - 50$

$110 - 60$

$140 - 70$

$700 - 500$

$1000 - 700$

$900 - 500$

$800 - 300$



Change the order and add on.

A

$7 + 8 = \boxed{8} + \boxed{7} = \boxed{15}$

$4 + 16 = \boxed{}$

$10 + 27 = \boxed{}$

$9 + 11 = \boxed{11} + \boxed{} = \boxed{}$

$8 + 9 = \boxed{}$

$10 + 45 = \boxed{}$

$5 + 7 = \boxed{} + \boxed{} = \boxed{}$

$6 + 5 = \boxed{}$

$10 + 39 = \boxed{}$

$3 + 13 = \boxed{} + \boxed{} = \boxed{}$

$2 + 14 = \boxed{}$

$10 + 82 = \boxed{}$

$6 + 9 = \boxed{} + \boxed{} = \boxed{}$

$5 + 8 = \boxed{}$

$10 + 68 = \boxed{}$

B

$8 + 37 = \boxed{37} + \boxed{} = \boxed{}$

$9 + 56 = \boxed{}$

$30 + 70 = \boxed{}$

$6 + 64 = \boxed{} + \boxed{} = \boxed{}$

$3 + 79 = \boxed{}$

$20 + 50 = \boxed{}$

$9 + 78 = \boxed{} + \boxed{} = \boxed{}$

$5 + 46 = \boxed{}$

$40 + 60 = \boxed{}$

$5 + 49 = \boxed{} + \boxed{} = \boxed{}$

$8 + 35 = \boxed{}$

$20 + 30 = \boxed{}$

$7 + 85 = \boxed{} + \boxed{} = \boxed{}$

$6 + 67 = \boxed{}$

$30 + 40 = \boxed{}$

$4 + 28 = \boxed{} + \boxed{} = \boxed{}$

$7 + 29 = \boxed{}$

$40 + 50 = \boxed{}$

C

$6 + 328 = \boxed{}$

$9 + 607 = \boxed{}$

$80 + 470 = \boxed{}$

$9 + 745 = \boxed{}$

$7 + 276 = \boxed{}$

$60 + 650 = \boxed{}$

$4 + 587 = \boxed{}$

$3 + 438 = \boxed{}$

$20 + 290 = \boxed{}$

$8 + 339 = \boxed{}$

$8 + 127 = \boxed{}$

$70 + 760 = \boxed{}$

$5 + 168 = \boxed{}$

$6 + 856 = \boxed{}$

$40 + 380 = \boxed{}$

$7 + 913 = \boxed{}$

$5 + 397 = \boxed{}$

$90 + 540 = \boxed{}$

Fill in the boxes.

A

$3 + 3 + 4 = \boxed{10}$

$2 + 3 + 2 = \boxed{}$

$3 + 4 + 1 = \boxed{}$

$5 + 4 + 2 = \boxed{}$

$2 + 4 + 3 = \boxed{}$

$1 + 5 + 3 = \boxed{}$

$2 + 5 + 5 = \boxed{}$

$3 + 5 + 4 = \boxed{}$

$4 + 3 + 5 = \boxed{}$

$4 + 5 + 1 = \boxed{}$

$1 + 4 + 5 = \boxed{}$

$5 + 1 + 5 = \boxed{}$

$4 + 4 + 4 = \boxed{}$

$5 + 3 + 3 = \boxed{}$

$4 + 4 + 2 = \boxed{}$

B

Start with the largest number.

$8 + 5 + 6 = \boxed{}$

$7 + 8 + 4 = \boxed{}$

$6 + 5 + 6 = \boxed{}$

$9 + 2 + 7 = \boxed{}$

$5 + 7 + 6 = \boxed{}$

$4 + 9 + 7 = \boxed{}$

$5 + 3 + 8 = \boxed{}$

$9 + 6 + 8 = \boxed{}$

$7 + 6 + 3 = \boxed{}$

$6 + 9 + 5 = \boxed{}$

$3 + 7 + 6 = \boxed{}$

$8 + 4 + 5 = \boxed{}$

$4 + 7 + 3 = \boxed{}$

$8 + 9 + 4 = \boxed{}$

$9 + 7 + 7 = \boxed{}$

C

Start with the largest number.

$5 + 13 + 7 = \boxed{}$

$9 + 2 + 17 = \boxed{}$

$6 + 6 + 16 = \boxed{}$

$9 + 4 + 16 = \boxed{}$

$4 + 8 + 15 = \boxed{}$

$7 + 14 + 2 = \boxed{}$

$3 + 6 + 11 = \boxed{}$

$6 + 19 + 5 = \boxed{}$

$3 + 11 + 8 = \boxed{}$

$7 + 18 + 6 = \boxed{}$

$3 + 12 + 7 = \boxed{}$

$6 + 4 + 17 = \boxed{}$

$5 + 14 + 8 = \boxed{}$

$9 + 4 + 13 = \boxed{}$

$5 + 9 + 15 = \boxed{}$

Look at the pictograms. Fill in the boxes.

A

Favourite Drinks						
Apple						
Cola						
Milk						
Orange						
Water						

Votes	Drink
1	<input type="text"/>
2	<input type="text"/>
3	<input type="text"/>
4	<input type="text"/>
5	<input type="text"/>

B

People on a train					
Coach 1					
Coach 2					
Coach 3					
Coach 4					

represents 5 people

How many more people on:
 Coach 1 than Coach 2
 Coach 3 than Coach 4?
 How many people altogether:
 on Coach 1 and Coach 2
 on the train?

C

Pages read				
Thursday				
Friday				
Saturday				
Sunday				

represents 10 pages



How many fewer pages read on:
 Thursday than Friday
 Saturday than Sunday?
 How many pages read altogether:
 on Saturday and Sunday
 in all 4 days?

Finish the pictograms.

A

Ages of girls at a party.

Age	Girls
5	2
6	5
7	6
8	4

Five						
Six						
Seven						
Eight						

B

Number of throws hitting a target skittle in a PE lesson.

Thrower	Hits
Delon	8
Fred	10
Izzy	6
Sue	12

Delon						
Fred						
Izzy						
Sue						


 represents 2 hits

C

Ice cream flavours sold in a shop.

Flavour	Sales
Chocolate	30
Mint	15
Strawberry	20
Vanilla	10

Chocolate						
Mint						
Strawberry						
Vanilla						

 represents 5 sales

A

Colour the 10 times table.

5	10	15	20	25	30	35	40	45	50	55	60
65	70	75	80	85	90	95	100	105	110	115	120

10 Times Table

10	20											
----	----	--	--	--	--	--	--	--	--	--	--	--

B

$4 \times 10 = \boxed{40}$

$11 \times 10 = \boxed{}$

$90 \div 10 = \boxed{}$

$110 \div 10 = \boxed{}$

$10 \times 10 = \boxed{}$

$8 \times 10 = \boxed{}$

$60 \div 10 = \boxed{}$

$20 \div 10 = \boxed{}$

$2 \times 10 = \boxed{}$

$3 \times 10 = \boxed{}$

$100 \div 10 = \boxed{}$

$50 \div 10 = \boxed{}$

$7 \times 10 = \boxed{}$

$9 \times 10 = \boxed{}$

$10 \div 10 = \boxed{}$

$120 \div 10 = \boxed{}$

$12 \times 10 = \boxed{}$

$1 \times 10 = \boxed{}$

$70 \div 10 = \boxed{}$

$30 \div 10 = \boxed{}$

$5 \times 10 = \boxed{}$

$6 \times 10 = \boxed{}$

$40 \div 10 = \boxed{}$

$80 \div 10 = \boxed{}$

C

$\boxed{5} \times 10 = 50$

$\boxed{} \times 10 = 100$

$\boxed{} \div 10 = 12$

$\boxed{} \times 10 = 90$

$\boxed{} \times 10 = 80$

$\boxed{} \div 10 = 3$

$\boxed{} \times 10 = 110$

$\boxed{} \times 10 = 20$

$\boxed{} \div 10 = 1$

$\boxed{} \times 10 = 30$

$\boxed{} \times 10 = 120$

$\boxed{} \div 10 = 5$

$\boxed{} \times 10 = 60$

$\boxed{} \div 10 = 6$

$\boxed{} \div 10 = 9$

$\boxed{} \times 10 = 10$

$\boxed{} \div 10 = 2$

$\boxed{} \div 10 = 4$

$\boxed{} \times 10 = 70$

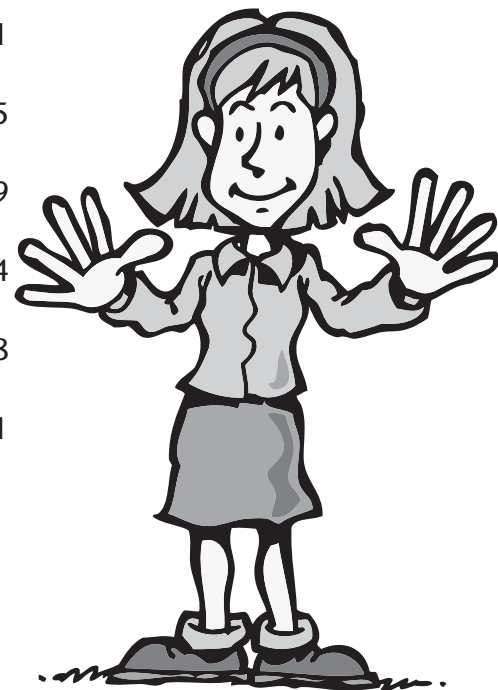
$\boxed{} \div 10 = 10$

$\boxed{} \div 10 = 8$

$\boxed{} \times 10 = 40$

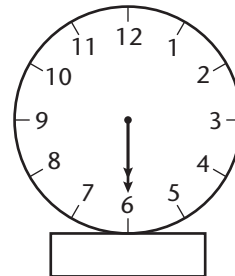
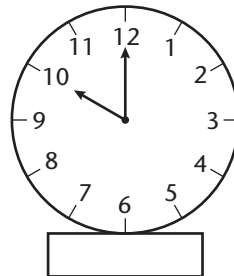
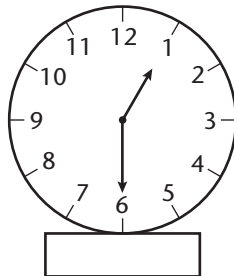
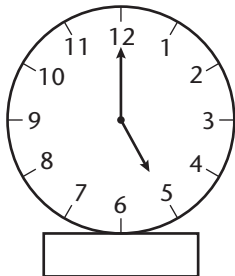
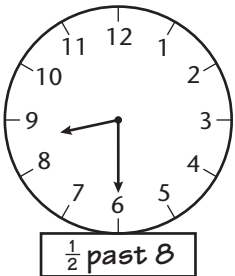
$\boxed{} \div 10 = 7$

$\boxed{} \div 10 = 11$

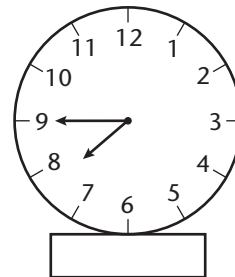
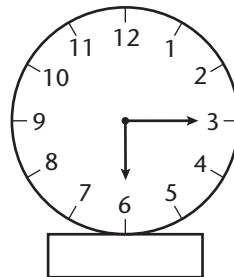
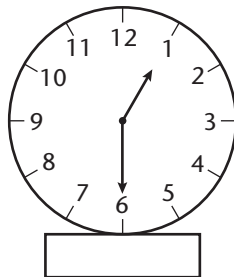
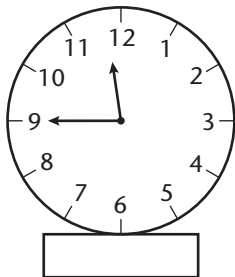
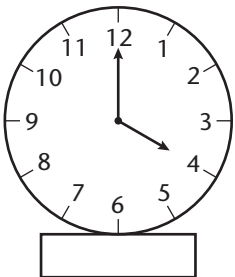
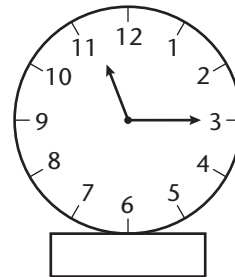
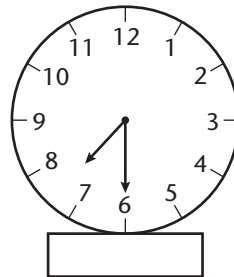
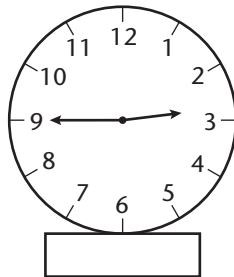
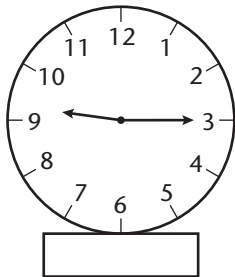
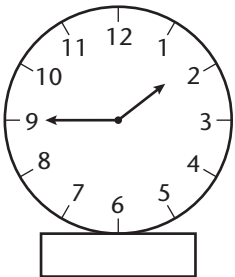


Write the times on the boxes.

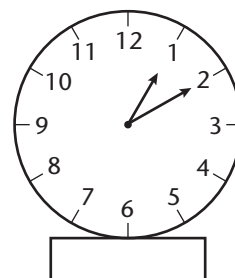
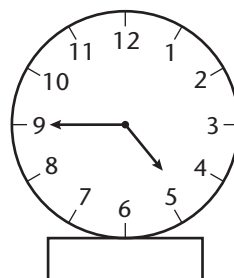
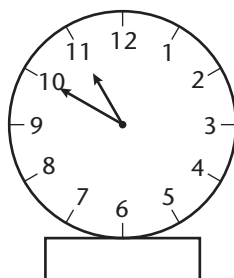
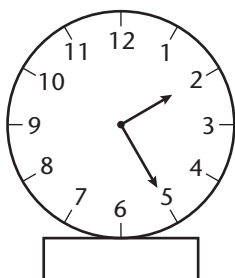
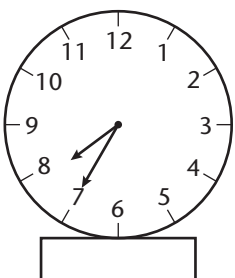
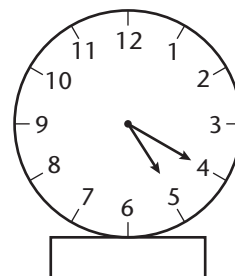
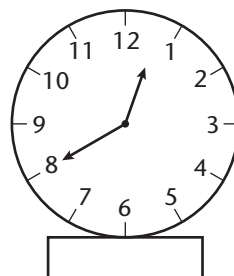
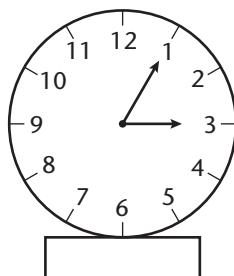
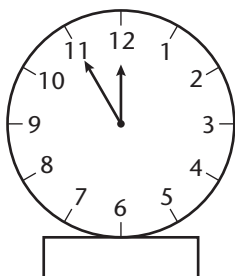
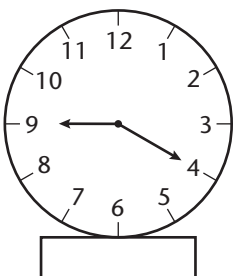
A



B



C



Fill in the boxes.

A

minutes in one hour.

hours in one day.

The minute hand takes minutes to go around the clock.

The hour hand takes hours to go once around the clock.

The minute hand takes minutes to go halfway round the clock.

The hour hand takes hours to go halfway round the clock.



B

How many minutes are left in the hour if the time is:

quarter to

20 past

quarter past

half past

5 past

How many hours is it until 12 o'clock if the time is:

4 o'clock

9 o'clock

1 o'clock

7 o'clock

11 o'clock

C

How many minutes are left in the hour if the time is:

3:27 11:48

7:04 4:23

1:52 8:31

10:19 5:07

6:35 2:56

How many hours are left in the day if the time is:

6:00 pm 4:00 pm

10:00 am 5:00 am

2:00 pm 11:00 pm

3:00 am Noon

8:00 am 1:00 am

A

Write in figures.

fifteen

seventeen

twelve

eighteen

fourteen

twenty

eleven

sixteen

thirteen

nineteen

Write as words.

12 *twelve*

16

19

17

13

20

11

14

B

Write in figures.

thirty-seven

eighty

sixty-two

ninety-six

twenty-four

fifty-nine

seventy-one

forty-three

one hundred

eighty-seven

Write as words.

65

28

93

52

74

47

89

35

C

Write in words.

625 *six hundred and*
twenty-five

153

830

376

598

919

467

842

201

784

539

311

Write the numbers in order, starting with the smallest.

A

9 4 15 7 11

4	7			
---	---	--	--	--

13 8 17 5 10

--	--	--	--	--

12 21 9 16 19

--	--	--	--	--

20 18 14 25 11

--	--	--	--	--

31 13 22 28 16

--	--	--	--	--

B

62 60 66 26 22

--	--	--	--	--

39 30 93 90 33

--	--	--	--	--

45 54 44 55 50

--	--	--	--	--

77 70 17 7 71

--	--	--	--	--

58 25 52 82 28

--	--	--	--	--

C

173 317 177 337 137

--	--	--	--	--

299 492 249 294 429

--	--	--	--	--

858 586 888 568 885

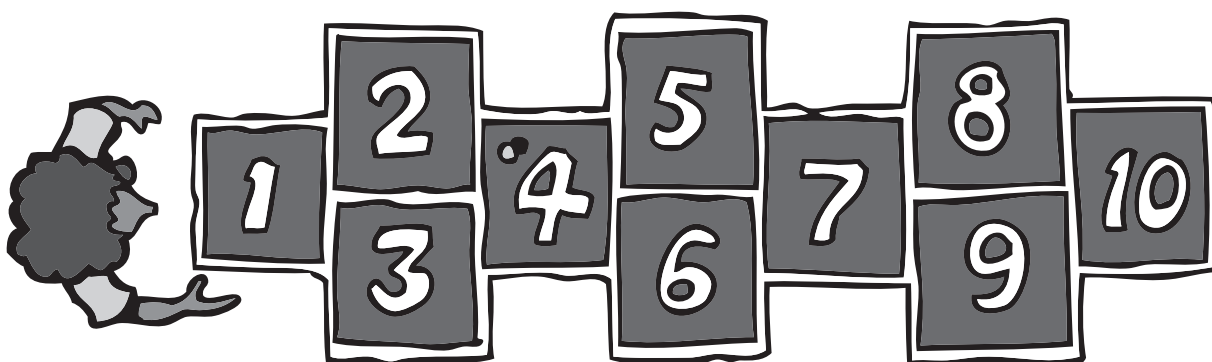
--	--	--	--	--

330 203 323 232 230

--	--	--	--	--

574 547 475 745 457

--	--	--	--	--



Fill in the boxes.

A

$13 + 7$	<input type="text" value="20"/>	$15 + 3$	<input type="text"/>	$12 + 4$	<input type="text"/>	$14 + 6$	<input type="text"/>
$11 + 8$	<input type="text"/>	$12 + 5$	<input type="text"/>	$14 + 3$	<input type="text"/>	$17 + 2$	<input type="text"/>
$14 + 2$	<input type="text"/>	$13 + 4$	<input type="text"/>	$16 + 2$	<input type="text"/>	$11 + 7$	<input type="text"/>
$16 + 4$	<input type="text"/>	$11 + 6$	<input type="text"/>	$11 + 5$	<input type="text"/>	$13 + 2$	<input type="text"/>
$12 + 7$	<input type="text"/>	$18 + 2$	<input type="text"/>	$13 + 6$	<input type="text"/>	$12 + 6$	<input type="text"/>

B

$36 + 5$	<input type="text"/>	$47 + 9$	<input type="text"/>	$58 + 9$	<input type="text"/>	$85 + 6$	<input type="text"/>
$29 + 7$	<input type="text"/>	$34 + 7$	<input type="text"/>	$27 + 6$	<input type="text"/>	$46 + 7$	<input type="text"/>
$55 + 8$	<input type="text"/>	$69 + 6$	<input type="text"/>	$72 + 9$	<input type="text"/>	$38 + 6$	<input type="text"/>
$67 + 4$	<input type="text"/>	$28 + 3$	<input type="text"/>	$86 + 4$	<input type="text"/>	$54 + 9$	<input type="text"/>
$43 + 9$	<input type="text"/>	$75 + 9$	<input type="text"/>	$64 + 8$	<input type="text"/>	$89 + 8$	<input type="text"/>
$78 + 5$	<input type="text"/>	$56 + 8$	<input type="text"/>	$39 + 3$	<input type="text"/>	$77 + 5$	<input type="text"/>

C

$435 + 9$	<input type="text"/>	$259 + 5$	<input type="text"/>	$126 + 8$	<input type="text"/>	$397 + 6$	<input type="text"/>
$749 + 2$	<input type="text"/>	$584 + 7$	<input type="text"/>	$557 + 9$	<input type="text"/>	$703 + 9$	<input type="text"/>
$187 + 5$	<input type="text"/>	$196 + 9$	<input type="text"/>	$365 + 7$	<input type="text"/>	$668 + 5$	<input type="text"/>
$593 + 8$	<input type="text"/>	$737 + 8$	<input type="text"/>	$918 + 9$	<input type="text"/>	$579 + 9$	<input type="text"/>
$276 + 6$	<input type="text"/>	$348 + 4$	<input type="text"/>	$799 + 4$	<input type="text"/>	$145 + 8$	<input type="text"/>
$608 + 7$	<input type="text"/>	$462 + 9$	<input type="text"/>	$474 + 8$	<input type="text"/>	$966 + 5$	<input type="text"/>

Fill in the boxes.

A

7 and 6 make altogether.

Add 4 to 9.

Find the total of 14 and 6.

6 is 5 more than .

Add together 8 and 8.

The sum of 10 and 4 is .

5 plus 7

8 plus 3

7 plus 9

12 plus 5

4 plus 12

9 plus 11

B

9 greater than 28 is .

Together 59 and 40 make .

Find the sum of 53 and 12.

65 and 7 equals .

34 plus 20 is .

is 17 more than 41.

Find three one-digit numbers with these totals.

20 7

26

23 8

C

54 is plus 8.

The total of 32 and is 92.

and 27 make 62 altogether.

more than 77 is 83.

equals 30 and 28.

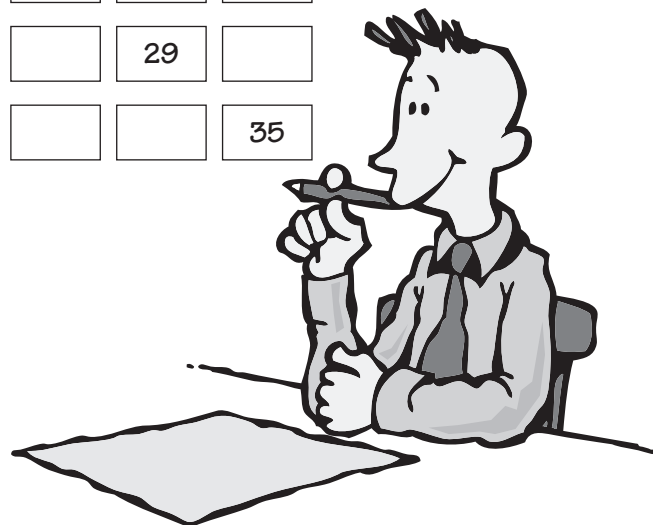
146 is added to 84.

Find three two-digit numbers which give each total.

42 18

85 29

73 35



Examples

$$\begin{array}{r} 47 \\ + 32 \\ \hline 9 \text{ Add units} \\ \hline 70 \text{ Add tens} \\ \hline 79 \text{ Find total} \end{array}$$

$$\begin{array}{r} 47 \\ + 39 \\ \hline 16 \\ \hline 70 \\ \hline 86 \end{array}$$

$$\begin{array}{r} 87 \\ + 39 \\ \hline 126 \\ \hline 1 \end{array}$$

7 + 9 = 16
6 in units
Carry 10 (!)

Use the above examples. Set out in columns and work out.

A

$$\begin{array}{r} 25 \\ + 21 \\ \hline 6 \\ \hline 40 \\ \hline \end{array}$$

$$\begin{array}{r} 57 \\ + 32 \\ \hline \end{array}$$

$$\begin{array}{r} 43 \\ + 14 \\ \hline \end{array}$$

$$\begin{array}{r} 41 \\ + 24 \\ \hline \end{array}$$

$$\begin{array}{r} 32 \\ + 15 \\ \hline \end{array}$$

$$\begin{array}{r} 54 \\ + 23 \\ \hline \end{array}$$

$$\begin{array}{r} 34 \\ + 20 \\ \hline \end{array}$$

$$\begin{array}{r} 36 \\ + 32 \\ \hline \end{array}$$

B

$$\begin{array}{r} 36 \\ + 27 \\ \hline \end{array}$$

$$\begin{array}{r} 44 \\ + 28 \\ \hline \end{array}$$

$$\begin{array}{r} 57 \\ + 19 \\ \hline \end{array}$$

$$\begin{array}{r} 68 \\ + 25 \\ \hline \end{array}$$

C

$$\begin{array}{r} 59 \\ + 44 \\ \hline \end{array}$$

$$\begin{array}{r} 78 \\ + 63 \\ \hline \end{array}$$

$$\begin{array}{r} 92 \\ + 57 \\ \hline \end{array}$$

$$\begin{array}{r} 67 \\ + 48 \\ \hline \end{array}$$

$$\begin{array}{r} 90 \\ + 73 \\ \hline \end{array}$$

$$\begin{array}{r} 87 \\ + 75 \\ \hline \end{array}$$

$$\begin{array}{r} 69 \\ + 64 \\ \hline \end{array}$$

$$\begin{array}{r} 58 \\ + 54 \\ \hline \end{array}$$

$$\begin{array}{r} 74 \\ + 27 \\ \hline \end{array}$$

$$\begin{array}{r} 95 \\ + 69 \\ \hline \end{array}$$

A

Write g or kg in the box.

table	<input type="text" value="kg"/>	pillow	<input type="text"/>	shoe	<input type="text"/>
goldfish	<input type="text"/>	chicken	<input type="text"/>	bed	<input type="text"/>
dog	<input type="text"/>	bicycle	<input type="text"/>	potato	<input type="text"/>
balloon	<input type="text"/>	football	<input type="text"/>	sheep	<input type="text"/>

B

Write 10 g, 100 g or 1 kg in the box.

a rubber	<input type="text" value="10 g"/>	bag of sugar	<input type="text"/>	oxo cube	<input type="text"/>
apple	<input type="text"/>	toothpaste tube	<input type="text"/>	chocolate bar	<input type="text"/>
brick	<input type="text"/>	sweet	<input type="text"/>	laptop computer	<input type="text"/>
coin	<input type="text"/>	ice cream cone	<input type="text"/>	cornflakes box	<input type="text"/>
plate	<input type="text"/>	encyclopaedia	<input type="text"/>	pen	<input type="text"/>

C

Fill in the box.

1 kg = g + 200 g

1 kg = g + 600 g

1 kg = g + 900 g

1 kg = g + 500 g

1 kg = g + 300 g

1 kg = g + 0 g

1 kg = g + 800 g

1 kg = g + 400 g

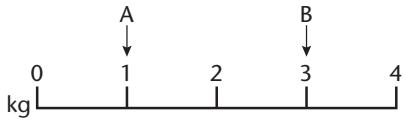
1 kg = g + 700 g

1 kg = g + 100 g

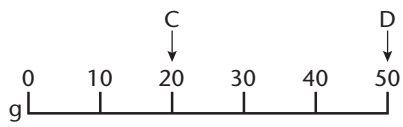


A

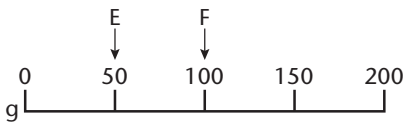
Fill in the boxes.



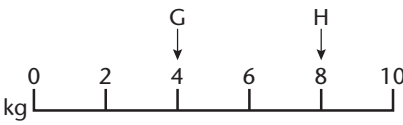
A kg B kg



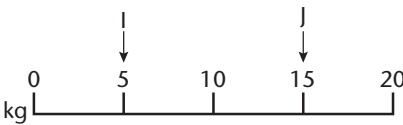
C g D g



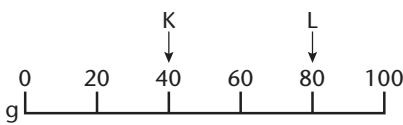
E g F g



G kg H kg



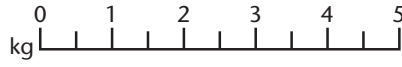
I kg J kg



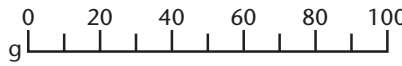
K g L g

B

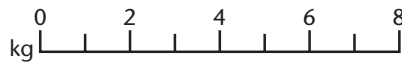
Draw the arrows.



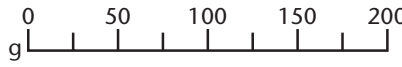
2 kg 5 kg



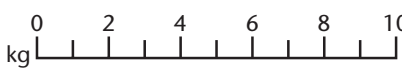
20 g 60 g



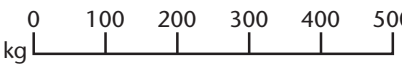
0 kg 6 kg



100 g 150 g



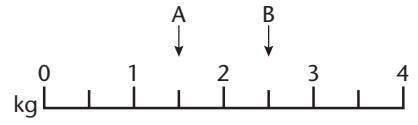
2 kg 10 kg



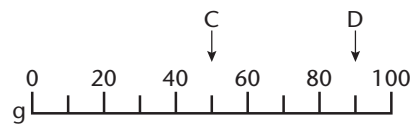
200 g 400 g

C

Fill in the boxes.



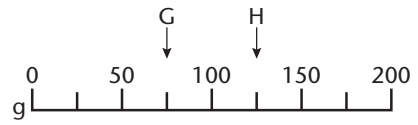
A kg B kg



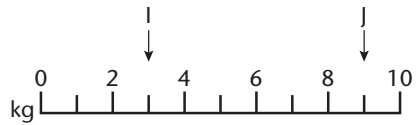
C g D g



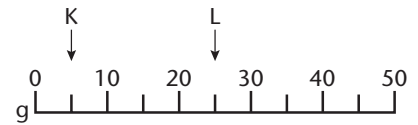
E kg F kg



G g H g



I kg J kg



K g L g

Fill in the boxes.

A

$12 - 7$	<input style="width: 40px; height: 20px;" type="text" value="5"/>	$16 - 5$	<input style="width: 40px; height: 20px;" type="text"/>	$11 - 6$	<input style="width: 40px; height: 20px;" type="text"/>	$16 - 8$	<input style="width: 40px; height: 20px;" type="text"/>
$15 - 9$	<input style="width: 40px; height: 20px;" type="text"/>	$13 - 9$	<input style="width: 40px; height: 20px;" type="text"/>	$13 - 8$	<input style="width: 40px; height: 20px;" type="text"/>	$14 - 5$	<input style="width: 40px; height: 20px;" type="text"/>
$14 - 8$	<input style="width: 40px; height: 20px;" type="text"/>	$17 - 8$	<input style="width: 40px; height: 20px;" type="text"/>	$18 - 9$	<input style="width: 40px; height: 20px;" type="text"/>	$11 - 9$	<input style="width: 40px; height: 20px;" type="text"/>
$11 - 5$	<input style="width: 40px; height: 20px;" type="text"/>	$14 - 9$	<input style="width: 40px; height: 20px;" type="text"/>	$12 - 5$	<input style="width: 40px; height: 20px;" type="text"/>	$17 - 4$	<input style="width: 40px; height: 20px;" type="text"/>
$13 - 4$	<input style="width: 40px; height: 20px;" type="text"/>	$19 - 5$	<input style="width: 40px; height: 20px;" type="text"/>	$20 - 7$	<input style="width: 40px; height: 20px;" type="text"/>	$12 - 3$	<input style="width: 40px; height: 20px;" type="text"/>

B

$45 - 8$	<input style="width: 40px; height: 20px;" type="text"/>	$24 - 5$	<input style="width: 40px; height: 20px;" type="text"/>	$41 - 3$	<input style="width: 40px; height: 20px;" type="text"/>	$73 - 7$	<input style="width: 40px; height: 20px;" type="text"/>
$62 - 7$	<input style="width: 40px; height: 20px;" type="text"/>	$81 - 6$	<input style="width: 40px; height: 20px;" type="text"/>	$63 - 4$	<input style="width: 40px; height: 20px;" type="text"/>	$92 - 9$	<input style="width: 40px; height: 20px;" type="text"/>
$56 - 9$	<input style="width: 40px; height: 20px;" type="text"/>	$48 - 7$	<input style="width: 40px; height: 20px;" type="text"/>	$76 - 8$	<input style="width: 40px; height: 20px;" type="text"/>	$47 - 4$	<input style="width: 40px; height: 20px;" type="text"/>
$74 - 7$	<input style="width: 40px; height: 20px;" type="text"/>	$72 - 4$	<input style="width: 40px; height: 20px;" type="text"/>	$50 - 9$	<input style="width: 40px; height: 20px;" type="text"/>	$54 - 8$	<input style="width: 40px; height: 20px;" type="text"/>
$30 - 5$	<input style="width: 40px; height: 20px;" type="text"/>	$95 - 9$	<input style="width: 40px; height: 20px;" type="text"/>	$99 - 6$	<input style="width: 40px; height: 20px;" type="text"/>	$38 - 9$	<input style="width: 40px; height: 20px;" type="text"/>
$93 - 9$	<input style="width: 40px; height: 20px;" type="text"/>	$17 - 8$	<input style="width: 40px; height: 20px;" type="text"/>	$85 - 7$	<input style="width: 40px; height: 20px;" type="text"/>	$61 - 7$	<input style="width: 40px; height: 20px;" type="text"/>

C

$375 - 6$	<input style="width: 60px; height: 20px;" type="text"/>	$764 - 7$	<input style="width: 60px; height: 20px;" type="text"/>	$313 - 8$	<input style="width: 60px; height: 20px;" type="text"/>	$462 - 8$	<input style="width: 60px; height: 20px;" type="text"/>
$691 - 8$	<input style="width: 60px; height: 20px;" type="text"/>	$940 - 3$	<input style="width: 60px; height: 20px;" type="text"/>	$732 - 6$	<input style="width: 60px; height: 20px;" type="text"/>	$525 - 9$	<input style="width: 60px; height: 20px;" type="text"/>
$514 - 9$	<input style="width: 60px; height: 20px;" type="text"/>	$382 - 9$	<input style="width: 60px; height: 20px;" type="text"/>	$897 - 9$	<input style="width: 60px; height: 20px;" type="text"/>	$619 - 5$	<input style="width: 60px; height: 20px;" type="text"/>
$142 - 5$	<input style="width: 60px; height: 20px;" type="text"/>	$451 - 5$	<input style="width: 60px; height: 20px;" type="text"/>	$174 - 6$	<input style="width: 60px; height: 20px;" type="text"/>	$283 - 6$	<input style="width: 60px; height: 20px;" type="text"/>
$236 - 7$	<input style="width: 60px; height: 20px;" type="text"/>	$638 - 9$	<input style="width: 60px; height: 20px;" type="text"/>	$400 - 8$	<input style="width: 60px; height: 20px;" type="text"/>	$901 - 9$	<input style="width: 60px; height: 20px;" type="text"/>
$853 - 5$	<input style="width: 60px; height: 20px;" type="text"/>	$505 - 8$	<input style="width: 60px; height: 20px;" type="text"/>	$621 - 4$	<input style="width: 60px; height: 20px;" type="text"/>	$750 - 1$	<input style="width: 60px; height: 20px;" type="text"/>

Fill in the boxes.

A

14 take 6 equals .

7 fewer than 11 is .

8 is 15 subtract .

4 taken away from 20 leaves .

3 equals less than 13.

Take 9 from 18 to leave .

12 minus 5

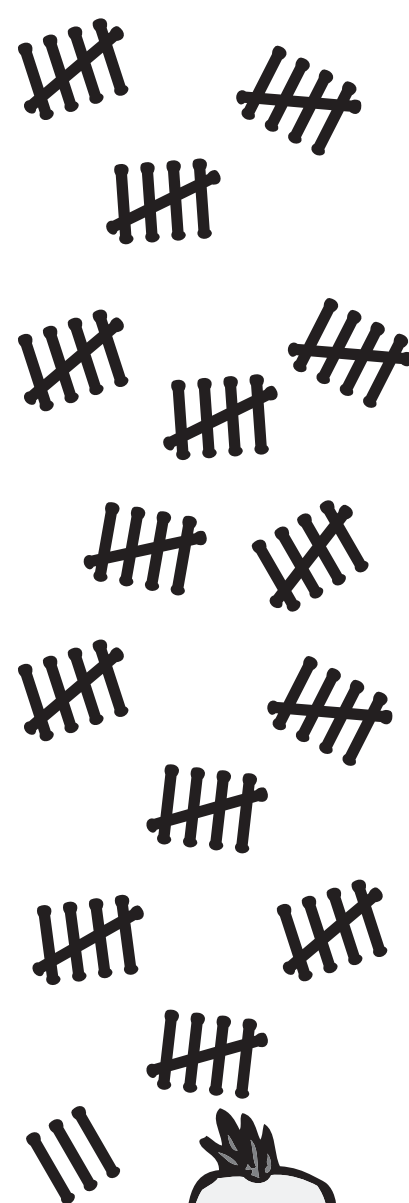
16 minus 7

20 minus 12

17 minus 4

15 minus 6

19 minus 15



B

28 less than 6 equals .

Take 40 from 75 to leave .

38 minus 15 is .

equals 45 subtract 7.

is 20 fewer than 99.

74 take away 17 is .

The difference between:

60 and 78 is

52 and 9 is

80 and 16 is

30 and 83 is

71 and 5 is

C

Subtract 17 from 95 to leave .

470 is 200 fewer than .

63 take 28 equals .

equals 509 minus 60.

equals 23 less than 50.

186 take away 70 leaves .

The difference between:

41 and 25 is

100 and 64 is

74 and 26 is

225 and 90 is

66 and 39 is



Examples

$$\begin{array}{r} 79 \\ - 34 \\ \hline 5 \quad (9 - 4) \\ \dots\dots\dots \\ 40 \quad (70 - 30) \\ \hline 45 \quad (5 + 40) \end{array}$$

$$\begin{array}{r} 79 \\ - 34 \\ \hline 45 \end{array}$$

$$\begin{array}{r} \overset{6}{\cancel{7}} \overset{1}{2} \\ - 34 \\ \hline 38 \end{array} \quad \begin{array}{l} 2 - 4 \\ \text{Borrow 10 from 70 } (\overset{6}{\cancel{7}} \overset{1}{2}) \\ 12 - 4 = 8 \\ 60 - 30 = 30 \end{array}$$

Use the above examples. Set out in columns and work out.

A

$$\begin{array}{r} 48 \\ - 13 \\ \hline 5 \\ \dots\dots\dots \\ 30 \end{array}$$

$$\begin{array}{r} 34 \\ - 12 \\ \hline \dots\dots\dots \end{array}$$

$$\begin{array}{r} 36 \\ - 24 \\ \hline \dots\dots\dots \end{array}$$

$$\begin{array}{r} 27 \\ - 16 \\ \hline \dots\dots\dots \end{array}$$

$$\begin{array}{r} 29 \\ - 15 \\ \hline \dots\dots\dots \end{array}$$

$$\begin{array}{r} 45 \\ - 32 \\ \hline \dots\dots\dots \end{array}$$

$$\begin{array}{r} 55 \\ - 30 \\ \hline \dots\dots\dots \end{array}$$

$$\begin{array}{r} 57 \\ - 23 \\ \hline \dots\dots\dots \end{array}$$

B

$$\begin{array}{r} 38 \\ - 15 \\ \hline \end{array}$$

$$\begin{array}{r} 49 \\ - 27 \\ \hline \end{array}$$

$$\begin{array}{r} 67 \\ - 25 \\ \hline \end{array}$$

$$\begin{array}{r} 94 \\ - 71 \\ \hline \end{array}$$

$$\begin{array}{r} 59 \\ - 34 \\ \hline \end{array}$$

$$\begin{array}{r} 78 \\ - 47 \\ \hline \end{array}$$

$$\begin{array}{r} 89 \\ - 36 \\ \hline \end{array}$$

$$\begin{array}{r} 75 \\ - 33 \\ \hline \end{array}$$

$$\begin{array}{r} 68 \\ - 42 \\ \hline \end{array}$$

$$\begin{array}{r} 86 \\ - 63 \\ \hline \end{array}$$

$$\begin{array}{r} 99 \\ - 38 \\ \hline \end{array}$$

$$\begin{array}{r} 77 \\ - 61 \\ \hline \end{array}$$

C

$$\begin{array}{r} 82 \\ - 47 \\ \hline \end{array}$$

$$\begin{array}{r} 58 \\ - 26 \\ \hline \end{array}$$

$$\begin{array}{r} 73 \\ - 25 \\ \hline \end{array}$$

$$\begin{array}{r} 85 \\ - 19 \\ \hline \end{array}$$

$$\begin{array}{r} 90 \\ - 63 \\ \hline \end{array}$$

$$\begin{array}{r} 66 \\ - 36 \\ \hline \end{array}$$

$$\begin{array}{r} 71 \\ - 52 \\ \hline \end{array}$$

$$\begin{array}{r} 96 \\ - 27 \\ \hline \end{array}$$

$$\begin{array}{r} 84 \\ - 59 \\ \hline \end{array}$$




$$\begin{array}{r} 63 \\ - 58 \\ \hline \end{array}$$




$$\begin{array}{r} 52 \\ - 34 \\ \hline \end{array}$$




$$\begin{array}{r} 75 \\ - 46 \\ \hline \end{array}$$




A




Make these amounts. Use the number of coins shown.




16p   

65p   

72p   





14p   





45p   





31p   





B




Make the amounts shown in 2 different ways. Use 3 or 4 coins only.





56p    





£3.50    





   

80p    

£1.30    

C

Use no more than 5 coins. Make the amounts shown in 2 different ways.

95p 50p 20p 20p 5p

74p

95p

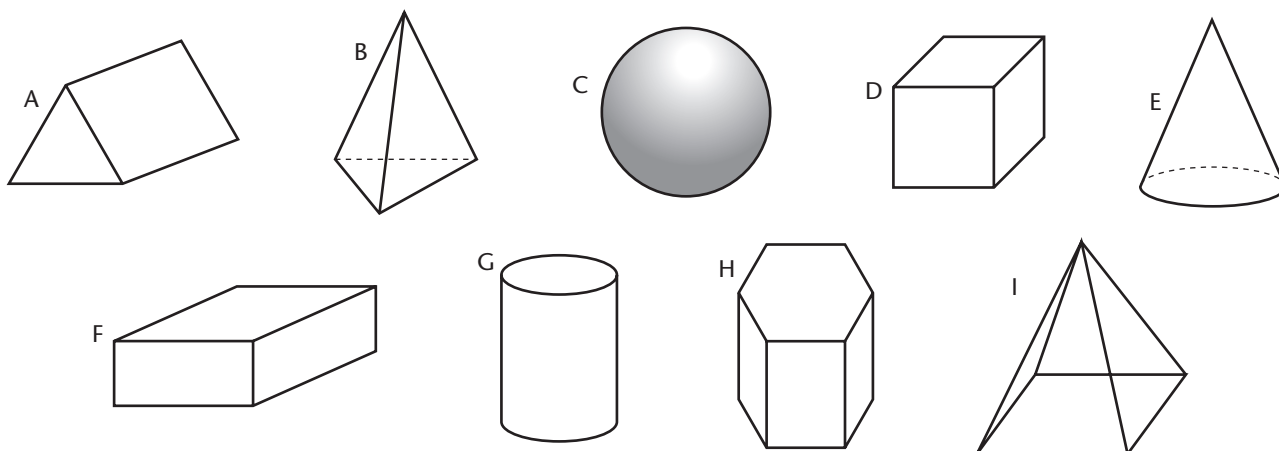
74p

£4.60

£2.17

£4.60

£2.17



A

Write the letter of each of the above shapes.

- | | | | | | |
|--------------------------|--------|--------------------------|-----------------|--------------------------|----------------------|
| <input type="checkbox"/> | cone | <input type="checkbox"/> | cylinder | <input type="checkbox"/> | square based pyramid |
| <input type="checkbox"/> | cube | <input type="checkbox"/> | hexagonal prism | <input type="checkbox"/> | triangular prism |
| <input type="checkbox"/> | cuboid | <input type="checkbox"/> | sphere | <input type="checkbox"/> | triangular pyramid |

B

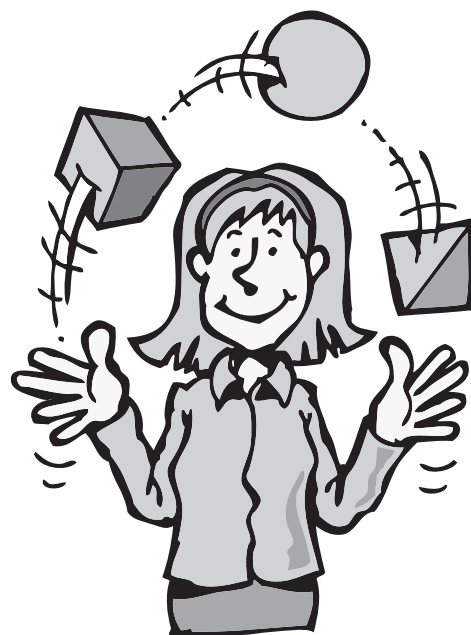
Write the letter of the shape which has:

- | | | | |
|--------------------------|------------------------|--------------------------|-------------------|
| <input type="checkbox"/> | 6 vertices | <input type="checkbox"/> | 6 edges |
| <input type="checkbox"/> | rectangular faces only | <input type="checkbox"/> | square faces only |
| <input type="checkbox"/> | no edges | <input type="checkbox"/> | 8 vertices |
| <input type="checkbox"/> | 5 vertices | <input type="checkbox"/> | 2 curved edges |
| <input type="checkbox"/> | 1 curved face | | |

C

Complete this table for the above shapes with straight edges.

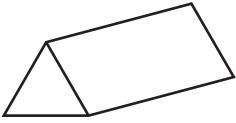
	A	B	D	F	H	I
Faces	5					
Edges						
Vertices						



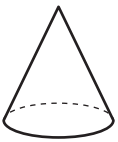
A

- cone
- cylinder
- cube
- prism
- cuboid
- pyramid

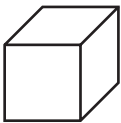
Use these words to name each shape.



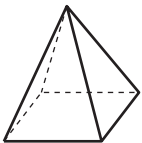
triangular prism



.....

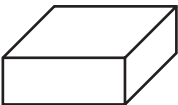


.....

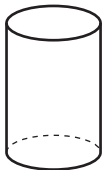


square based

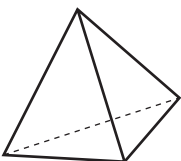
.....



.....



.....



triangular

.....

B

Write down all the 3-D shapes in A which have one or more faces which are:

CIRCULAR (2)

.....

.....

SQUARE (2)

.....

.....

.....

RECTANGULAR (2)

.....

.....

.....

TRIANGULAR (3)

.....

.....

.....

CURVED (2)

.....

.....

C

Identify the 3-D shapes from its 2-D faces. Write the number of faces in the 2-D shapes.



square based pyramid



.....



.....



.....



.....



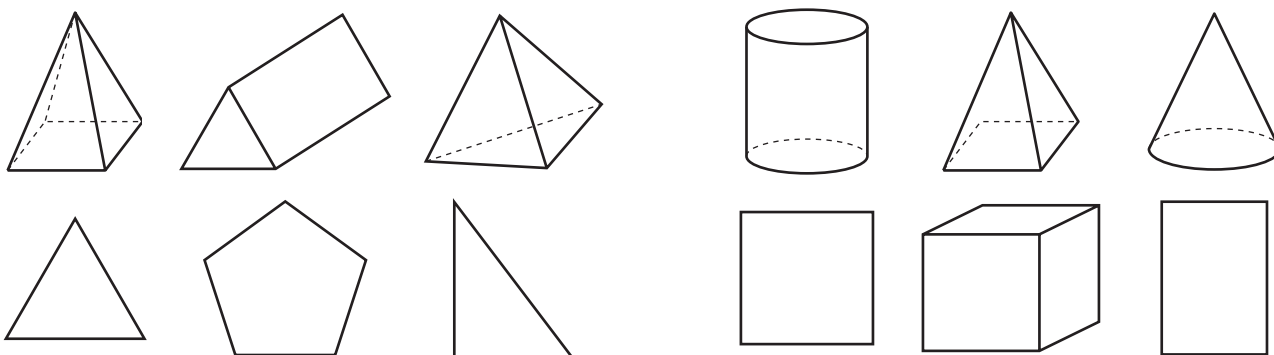
.....



.....

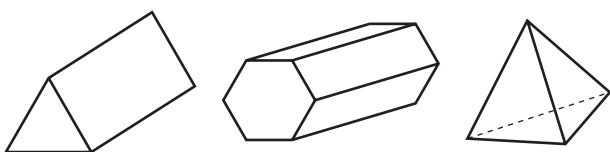
A

Colour in the odd one out.

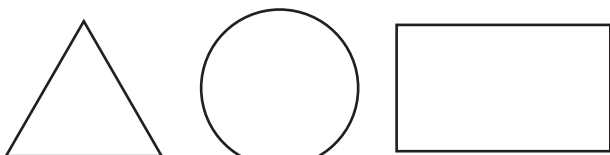


B

Colour the odd one out.
Give a reason for your choice.

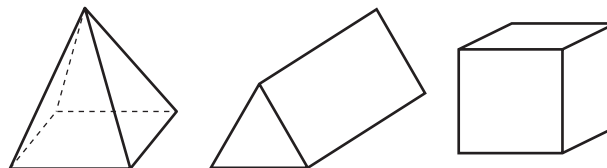


not a prism



.....

Give a reason why each shape could be the odd one out?



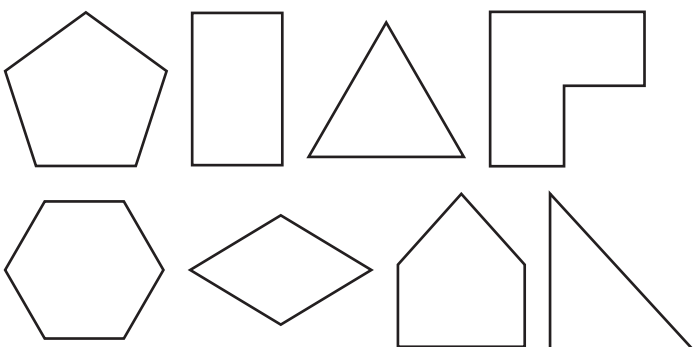
pyramid

prism

cube

C

Sort the shapes by drawing them in the right part of the diagram.



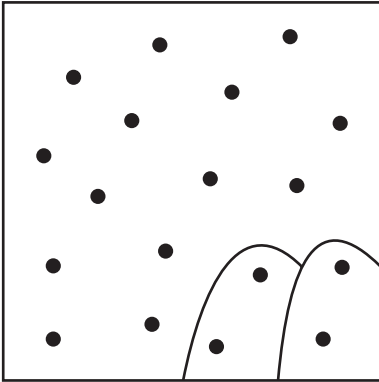
	less than 5 sides	not less than 5 sides
all sides equal		
not all sides equal		

Fill in the estimate box first (E).

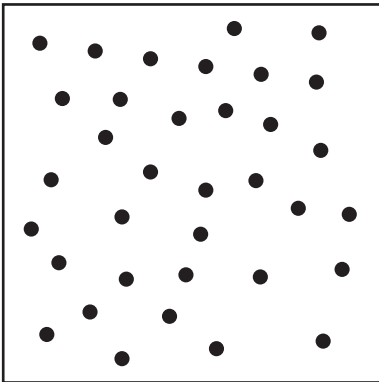
Then group the dots and count. Finally fill in the total box (T).

A

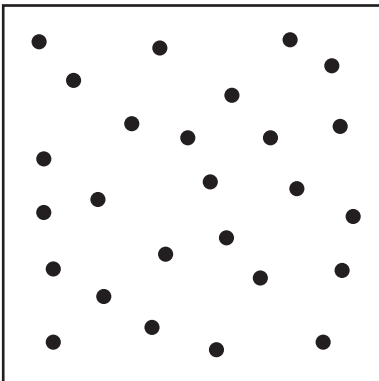
Group in twos.



E T



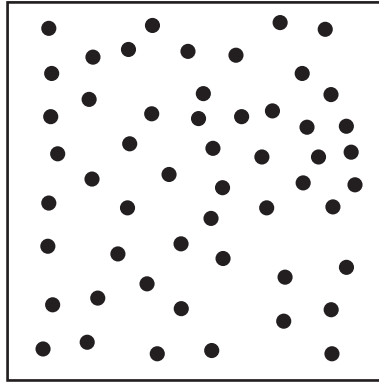
E T



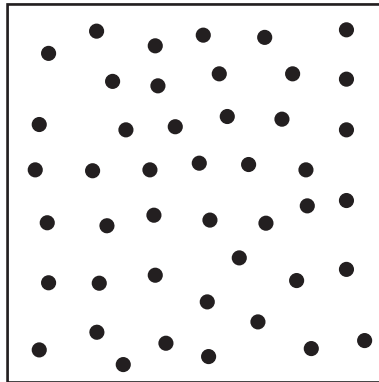
E T

B

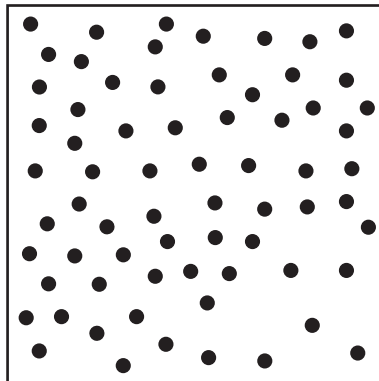
Group in fives.



E T



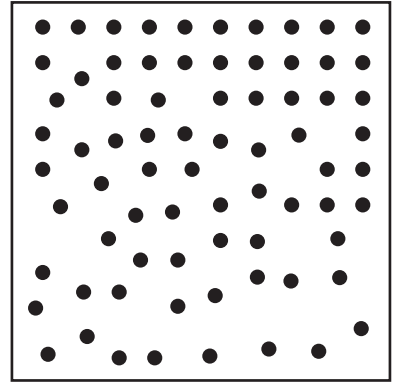
E T



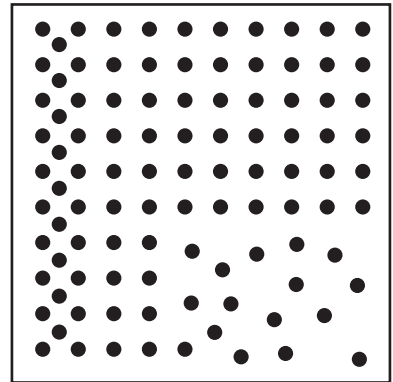
E T

C

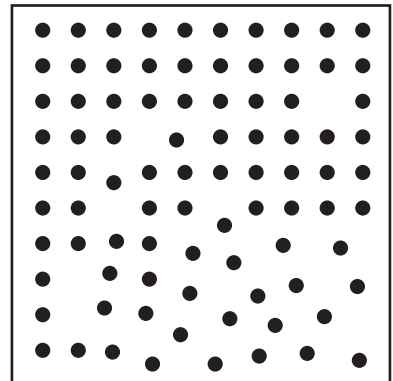
Group in fives.



E T



E T



E T

A

Fill in the boxes.

0 5 10

25 30 35

40 45 50

15 20 25

30 35 40

Count on.

3 fives from 10

5 fives from 35

4 fives from 20

6 fives from 5

3 fives from 45

Count on.

7 fives from 0

5 fives from 30

6 fives from 15

3 fives from 45

5 fives from 25

B

Fill in the boxes.

45 50 55

35 30 25

80 85 90

60 55 50

55 60 65

Count on.

6 fives from 50

5 fives from 25

4 fives from 70

7 fives from 45

6 fives from 15

Count back.

5 fives from 65

3 fives from 70

4 fives from 45

6 fives from 100

5 fives from 85

C

Count on.

6 fives from 475

9 fives from 710

7 fives from 525

8 fives from 960

5 fives from 285

Count back.

5 fives from 920

8 fives from 115

4 fives from 400

6 fives from 845

9 fives from 770

How many 5s?

576 to 616

242 to 322

894 to 944

389 to 469

645 to 705



A

Colour the 5 times table.

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40
41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60

5 Times Table 5 10

B

6×5	<input type="text" value="30"/>	8×5	<input type="text"/>	$15 \div 5$	<input type="text"/>	$45 \div 5$	<input type="text"/>
1×5	<input type="text"/>	10×5	<input type="text"/>	$35 \div 5$	<input type="text"/>	$30 \div 5$	<input type="text"/>
11×5	<input type="text"/>	2×5	<input type="text"/>	$50 \div 5$	<input type="text"/>	$20 \div 5$	<input type="text"/>
9×5	<input type="text"/>	7×5	<input type="text"/>	$25 \div 5$	<input type="text"/>	$60 \div 5$	<input type="text"/>
5×5	<input type="text"/>	3×5	<input type="text"/>	$5 \div 5$	<input type="text"/>	$40 \div 5$	<input type="text"/>
4×5	<input type="text"/>	12×5	<input type="text"/>	$55 \div 5$	<input type="text"/>	$10 \div 5$	<input type="text"/>

C

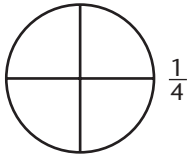
<input type="text"/> $\times 5 = 20$	<input type="text"/> $\times 5 = 35$	<input type="text"/> $\div 5 = 5$	<input type="text"/> $\div 5 = 10$
<input type="text"/> $\times 5 = 30$	<input type="text"/> $\times 5 = 10$	<input type="text"/> $\div 5 = 9$	<input type="text"/> $\div 5 = 6$
<input type="text"/> $\times 5 = 5$	<input type="text"/> $\times 5 = 50$	<input type="text"/> $\div 5 = 3$	<input type="text"/> $\div 5 = 12$
<input type="text"/> $\times 5 = 40$	<input type="text"/> $\times 5 = 25$	<input type="text"/> $\div 5 = 11$	<input type="text"/> $\div 5 = 1$
<input type="text"/> $\times 5 = 60$	<input type="text"/> $\times 5 = 45$	<input type="text"/> $\div 5 = 2$	<input type="text"/> $\div 5 = 4$
<input type="text"/> $\times 5 = 15$	<input type="text"/> $\times 5 = 55$	<input type="text"/> $\div 5 = 8$	<input type="text"/> $\div 5 = 7$

Move digits one space to the left to multiply.
Move digits one space to the right to divide.

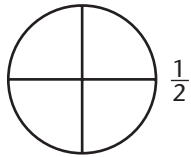
<p>A</p> <p>$3 \times 10 =$ <input type="text" value="30"/></p> <p>$8 \times 10 =$ <input type="text"/></p> <p>$5 \times 10 =$ <input type="text"/></p> <p>$12 \times 10 =$ <input type="text"/></p> <p>$100 \div 10 =$ <input type="text"/></p> <p>$20 \div 10 =$ <input type="text"/></p> <p>$90 \div 10 =$ <input type="text"/></p> <p>$40 \div 10 =$ <input type="text"/></p> <p>$11 \times 10 =$ <input type="text"/></p> <p>$6 \times 10 =$ <input type="text"/></p> <p>$10 \times 10 =$ <input type="text"/></p> <p>$7 \times 10 =$ <input type="text"/></p> <p>$10 \div 10 =$ <input type="text"/></p> <p>$50 \div 10 =$ <input type="text"/></p> <p>$80 \div 10 =$ <input type="text"/></p> <p>$120 \div 10 =$ <input type="text"/></p>	<p>B</p> <p>$60 \times 10 =$ <input type="text" value="600"/></p> <p>$90 \times 10 =$ <input type="text"/></p> <p>$40 \times 10 =$ <input type="text"/></p> <p>$100 \times 10 =$ <input type="text"/></p> <p>$500 \div 10 =$ <input type="text"/></p> <p>$1100 \div 10 =$ <input type="text"/></p> <p>$700 \div 10 =$ <input type="text"/></p> <p>$1200 \div 10 =$ <input type="text"/></p> <p>$20 \times 10 =$ <input type="text"/></p> <p>$80 \times 10 =$ <input type="text"/></p> <p>$50 \times 10 =$ <input type="text"/></p> <p>$30 \times 10 =$ <input type="text"/></p> <p>$600 \div 10 =$ <input type="text"/></p> <p>$1000 \div 10 =$ <input type="text"/></p> <p>$400 \div 10 =$ <input type="text"/></p> <p>$900 \div 10 =$ <input type="text"/></p>	<p>C</p> <p>$15 \times 10 =$ <input type="text" value="150"/></p> <p>$43 \times 10 =$ <input type="text"/></p> <p>$28 \times 10 =$ <input type="text"/></p> <p>$94 \times 10 =$ <input type="text"/></p> <p>$570 \div 10 =$ <input type="text"/></p> <p>$390 \div 10 =$ <input type="text"/></p> <p>$610 \div 10 =$ <input type="text"/></p> <p>$760 \div 10 =$ <input type="text"/></p> <p>$82 \times 10 =$ <input type="text"/></p> <p>$24 \times 10 =$ <input type="text"/></p> <p>$45 \times 10 =$ <input type="text"/></p> <p>$98 \times 10 =$ <input type="text"/></p> <p>$190 \div 10 =$ <input type="text"/></p> <p>$530 \div 10 =$ <input type="text"/></p> <p>$770 \div 10 =$ <input type="text"/></p> <p>$310 \div 10 =$ <input type="text"/></p>
--	--	--

Colour the fraction shown.

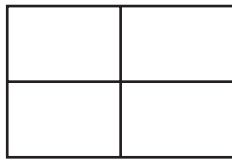
A



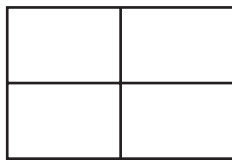
$\frac{1}{4}$



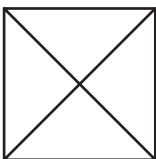
$\frac{1}{2}$



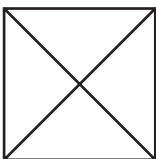
$\frac{1}{4}$



$\frac{1}{2}$

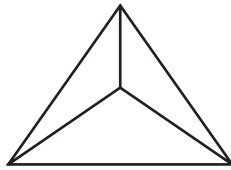


$\frac{1}{4}$

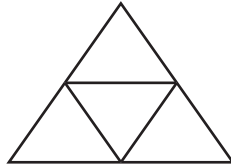


$\frac{1}{2}$

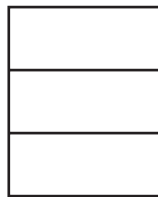
B



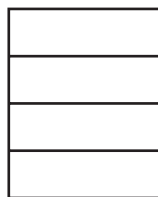
$\frac{1}{3}$



$\frac{2}{4}$



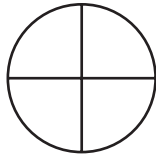
$\frac{1}{3}$



$\frac{1}{2}$

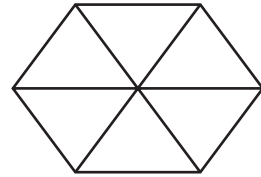


$\frac{1}{3}$

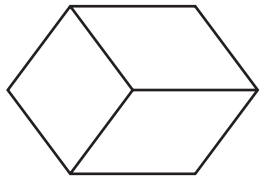


$\frac{1}{2}$

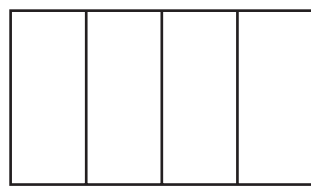
C



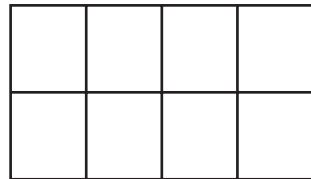
$\frac{1}{6}$



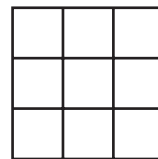
$\frac{2}{3}$



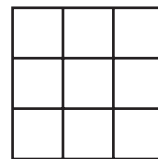
$\frac{3}{4}$



$\frac{1}{8}$



$\frac{1}{9}$



$\frac{1}{3}$



A

Colour the circles
half – red
quarter – blue



$\frac{1}{2}$ of 8

$\frac{1}{4}$ of 8



$\frac{1}{2}$ of 16

$\frac{1}{4}$ of 16



$\frac{1}{2}$ of 12

$\frac{1}{4}$ of 12



$\frac{1}{2}$ of 20

$\frac{1}{4}$ of 20

B

Colour the squares
half – red
quarter – blue



$\frac{1}{2}$ of 24

$\frac{1}{4}$ of 24



$\frac{1}{2}$ of 40

$\frac{1}{4}$ of 40

Colour $\frac{1}{3}$ red.



$\frac{1}{3}$ of 18



$\frac{1}{3}$ of 36

C

Find one half of:

10

18

50

80

200

Find one quarter of:

4

24

48

100

32

Find one third of:

60

33

27

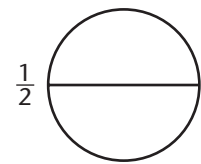
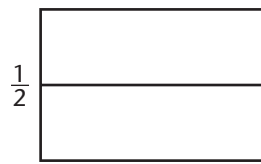
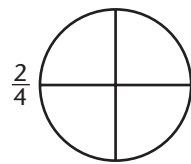
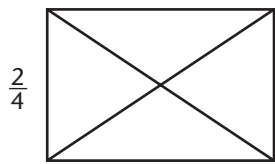
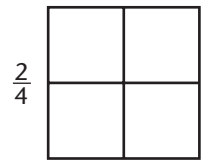
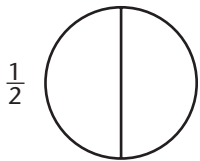
300

120

Equivalent fractions are fractions that look different but are the same.

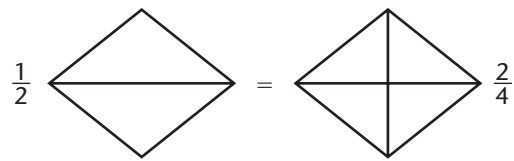
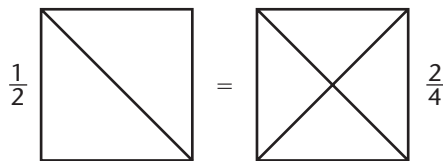
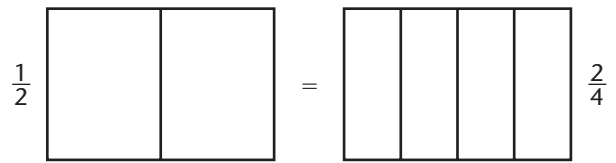
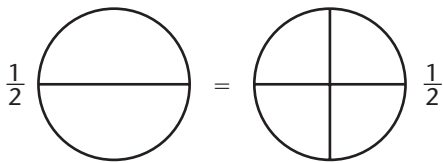
A

Shade the fraction shown.



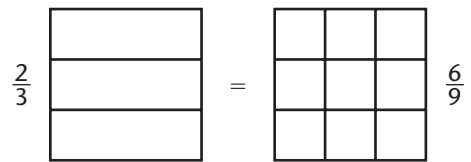
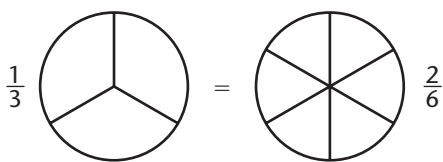
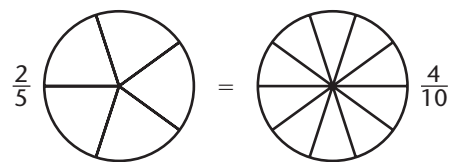
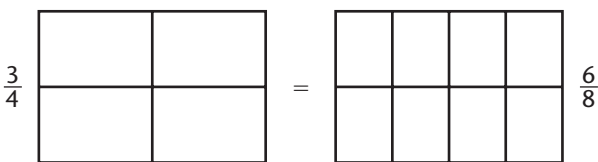
B

Colour the fractions to show that $\frac{1}{2} = \frac{2}{4}$.



C

Colour each pair of fractions to show that they are equivalent.



Fill in the boxes.

A		B		C
6 + 5		50 + 50		50 + 80
11				
8 + 7		20 + 70		110 + 90
7 + 5		40 + 30		80 + 60
13 + 6		70 + 30		90 + 70
5 + 9		30 + 50		200 + 600
9 + 3		80 + 10		500 + 300
12 + 4		10 + 90		300 + 600
8 + 3		60 + 20		600 + 400
16 − 7		70 − 20		120 − 80
20 − 9		100 − 60		170 − 40
11 − 4		30 − 30		200 − 120
14 − 8		80 − 60		150 − 80
18 − 5		90 − 40		900 − 100
15 − 6		50 − 10		600 − 300
20 − 14		100 − 30		1000 − 500
13 − 9		60 − 20		800 − 600

Fill in the boxes.

A

$$\boxed{7} + 8 = 15$$

$$9 + \boxed{} = 13$$

$$\boxed{} + 6 = 11$$

$$8 + \boxed{} = 17$$

$$\boxed{} - 5 = 8$$

$$18 - \boxed{} = 12$$

$$\boxed{} - 7 = 9$$

$$20 - \boxed{} = 9$$

$$\boxed{} + 10 = 62$$

$$\boxed{} + 10 = 45$$

$$\boxed{} + 10 = 39$$

$$\boxed{} + 10 = 54$$

$$\boxed{} - 10 = 67$$

$$\boxed{} - 10 = 43$$

$$\boxed{} - 10 = 86$$

$$\boxed{} - 10 = 18$$

B

$$\boxed{} + 4 = 40$$

$$89 + \boxed{} = 96$$

$$\boxed{} + 8 = 72$$

$$27 + \boxed{} = 33$$

$$\boxed{} - 8 = 37$$

$$92 - \boxed{} = 86$$

$$\boxed{} - 7 = 63$$

$$54 - \boxed{} = 45$$

$$\boxed{} + 30 = 50$$

$$40 + \boxed{} = 90$$

$$\boxed{} + 20 = 89$$

$$34 + \boxed{} = 74$$

$$\boxed{} - 30 = 30$$

$$100 - \boxed{} = 40$$

$$\boxed{} - 20 = 73$$

$$87 - \boxed{} = 47$$

C

$$\boxed{} + 7 = 132$$

$$168 + \boxed{} = 171$$

$$\boxed{} + 9 = 258$$

$$576 + \boxed{} = 584$$

$$\boxed{} - 5 = 426$$

$$156 - \boxed{} = 148$$

$$\boxed{} - 9 = 794$$

$$372 - \boxed{} = 369$$

$$\boxed{} + 60 = 410$$

$$790 + \boxed{} = 830$$

$$\boxed{} + 80 = 508$$

$$151 + \boxed{} = 221$$

$$\boxed{} - 50 = 560$$

$$280 - \boxed{} = 190$$

$$\boxed{} - 60 = 831$$

$$558 - \boxed{} = 488$$

Fill in the boxes.

A

6 red apples

8 green apples

apples altogether

Ali has 10p

Sam has 5p

They have p altogether

16 white rolls

10 brown rolls

rolls altogether

9 red flowers

7 blue flowers

flowers altogether

B

23 people downstairs

11 people upstairs

people on a bus

38 brown horses

5 white horses

horses altogether

46 litres of water in bath

30 litres of hot water added

litres of water in bath

Shane weighs 40 kg.

His dad weighs 25 kg more.

Shane's dad weighs kg.

C

57 cars in a car park

19 more came in

cars in the car park

35 apples are picked

92 apples left on tree

apples altogether

27 boys in Year 2

26 girls in Year 2

children in Year 2

320 fiction books

200 non-fiction books

books altogether.



Fill in the boxes.

A

12 sweets

3 are eaten

sweets left

19 people on a bus

7 get off

people on the bus

16 balls in a box

11 are taken out

balls in the box

28 children in a class

10 have a packed lunch

do not have a packed lunch

B

40 cards in a packet

30 are used

cards left

Dad is 33.

Mum is 4 year younger.

Mum is .

A drink costs 65p

Errol pays £1.

He is given p change

Amy's book has 84 pages.

She has read 50.

She has pages left.

C

Barry has £81.

Larry has £38 less.

Larry has £

A school has 311 pupils.

80 are on a trip to a museum.

There are pupils in school.

A bottle holds 1000 ml of milk.

300 ml is used.

ml is left.

245 seats in a cinema

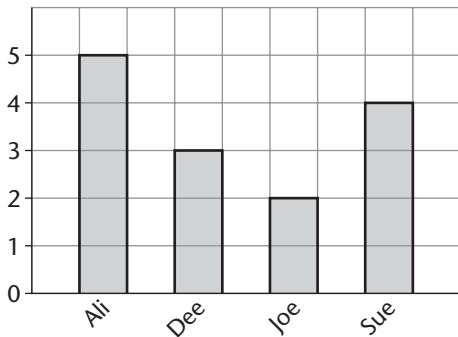
7 are empty

seats are taken.

Look at the graphs. Fill in the boxes.

A

Books borrowed from library



Dee chose books.

chose 4 books.

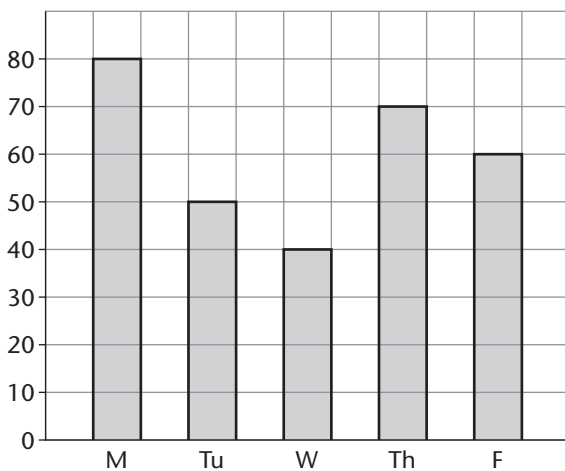
chose most books.

chose fewest books.

books chosen altogether.

B

School dinners



The number of school dinners was:

on Wednesday

60 on

more on Monday than Tuesday

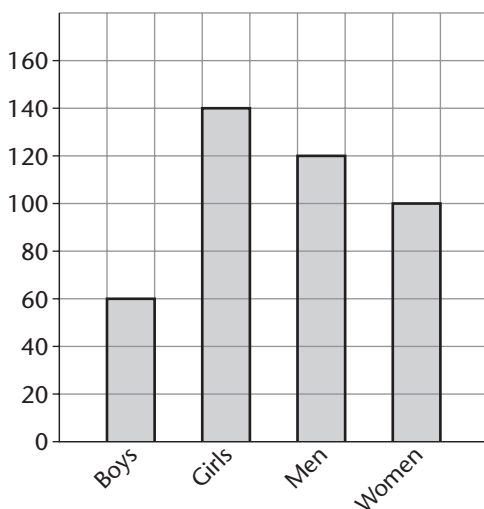
fewer on Wednesday than Thursday

on Monday and Tuesday altogether

in the whole week altogether.

C

A film audience



fewer men than women

more boys than girls

adults

children

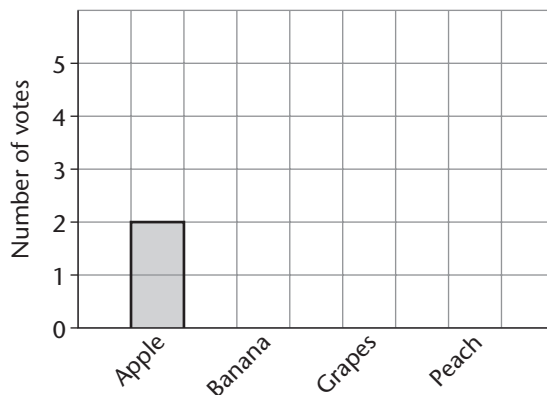
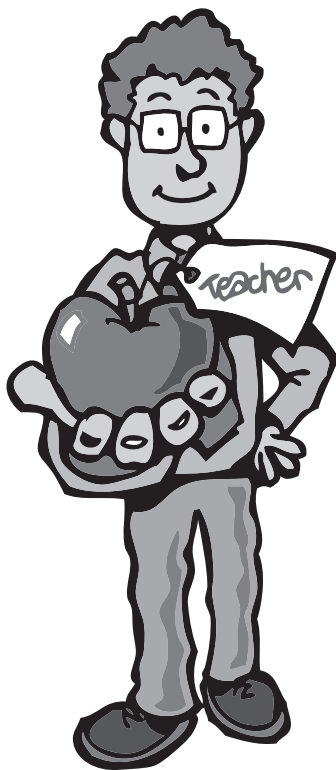
Total audience

Complete the graphs.

A

Favourite fruit

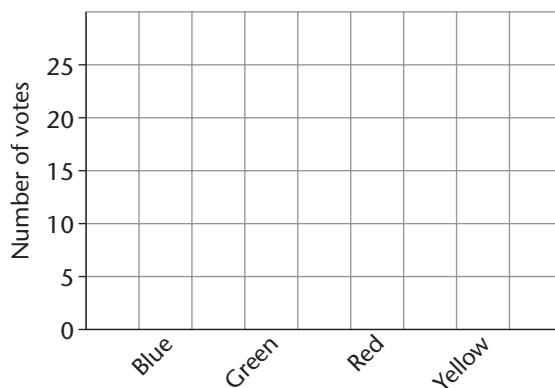
Fruit	Votes
Apples	2
Bananas	5
Grapes	3
Peaches	4



B

Favourite colours

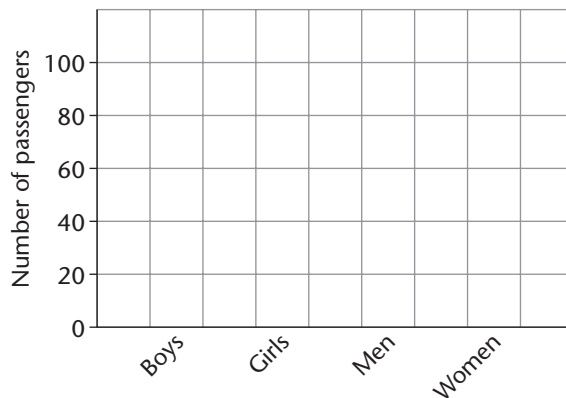
Colour	Votes
Blue	20
Green	10
Red	25
Yellow	15



C

Plane passengers

Group	Number
Boys	40
Girls	60
Men	100
Women	80



Sheet 59 MULTIPLICATION/DIVISION RELATIONSHIP 1 59

Write the missing numbers. Use the 3 given numbers only.

A

$5 \times 7 = \boxed{35}$

$7 \times 5 = \boxed{}$

$35 \div 7 = \boxed{}$

$35 \div 5 = \boxed{}$

$4 \times 5 = \boxed{}$

$5 \times 4 = \boxed{}$

$20 \div 4 = \boxed{}$

$20 \div 5 = \boxed{}$

$9 \times 2 = \boxed{}$

$2 \times 9 = \boxed{}$

$18 \div 2 = \boxed{}$

$18 \div 9 = \boxed{}$

$6 \times 10 = \boxed{}$

$10 \times 6 = \boxed{}$

$60 \div 10 = \boxed{}$

$60 \div 6 = \boxed{}$

B

$12 \times 5 = \boxed{}$

$5 \times \boxed{} = \boxed{}$

$60 \div \boxed{} = \boxed{}$

$60 \div \boxed{} = \boxed{}$

$7 \times 2 = \boxed{}$

$2 \times \boxed{} = \boxed{}$

$\boxed{} \div \boxed{} = \boxed{}$

$\boxed{} \div \boxed{} = \boxed{}$

$8 \times 10 = \boxed{}$

$\boxed{} \times \boxed{} = \boxed{}$

$\boxed{} \div \boxed{} = \boxed{}$

$\boxed{} \div \boxed{} = \boxed{}$

$4 \times 3 = \boxed{}$

$\boxed{} \times \boxed{} = \boxed{}$

$\boxed{} \div \boxed{} = \boxed{}$

$\boxed{} \div \boxed{} = \boxed{}$

C

$3 \times 6 = \boxed{}$

$\boxed{} \times \boxed{} = \boxed{}$

$\boxed{} \div \boxed{} = \boxed{}$

$\boxed{} \div \boxed{} = \boxed{}$

$7 \times 4 = \boxed{}$

$\boxed{} \times \boxed{} = \boxed{}$

$\boxed{} \div \boxed{} = \boxed{}$

$\boxed{} \div \boxed{} = \boxed{}$

$24 \div 3 = \boxed{}$

$\boxed{} \div \boxed{} = \boxed{}$

$\boxed{} \times \boxed{} = \boxed{}$

$\boxed{} \times \boxed{} = \boxed{}$

$99 \div 9 = \boxed{}$

$\boxed{} \div \boxed{} = \boxed{}$

$\boxed{} \times \boxed{} = \boxed{}$

$\boxed{} \times \boxed{} = \boxed{}$

Write the number sentence and work out.

A

Multiply 4 by 5.

$4 \times 5 = \square$

Find 6 times 10.

$\square \square \square = \square$

What is double 8?

$\square \square \square = \square$

Find one half of 10.

$\square \square \square = \square$

Share 15 by 5.

$\square \square \square = \square$

Divide 40 by 10.

$\square \square \square = \square$

B

Find 9 multiplied by 2.

$\square \square \square = \square$

Halve 100.

$\square \square \square = \square$

How many 5s make 60?

$\square \square \square = \square$

How many is 9 lots of 5?

$\square \square \square = \square$

What is 10 times larger than 10?

$\square \square \square = \square$

What is 10 divided by 10?

$\square \square \square = \square$

C

<p>50 fish. 10 tanks. How many in each? $50 \div 10 = \square$</p>	<p>35 sweets. 5 friends. How many each?</p>	<p>8 books in each pile. 5 piles. How many books?</p>
<p>25 girls. Equal boys and girls. How many children?</p>	<p>16 pencils in a box. 10 boxes. How many pencils?</p>	<p>60 children. 2 classes. How many in each?</p>

Fill in the box.

A

5 bananas in each bunch.

3 bunches.

bananas altogether.

2 bowls.

4 fish in each bowl.

fish altogether.

10 sweets in a packet.

2 friends.

sweets each.

9 cakes.

3 plates.

cakes on each plate.

B

14 socks.

How many pairs?

Answer pairs.

12 pins in one packet.

How many pins in 2 packets?

Answer pins.

6 eggs in each box.

10 boxes.

eggs altogether.

5 sweets cost 45p altogether.

How much does one sweet cost?

Answer p.

C

Two classes.

30 children in each.

children altogether.

3 boxes hold 18 cakes altogether.

How many cakes in each box?

Answer cakes.

4 packets of fish fingers.

32 fish fingers altogether.

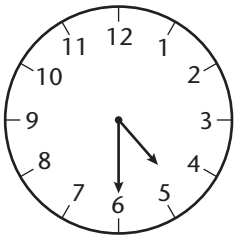
fingers in each packet.

How much is five 20p coins?

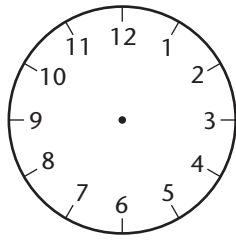
Answer p.

Draw the hands on the clocks.

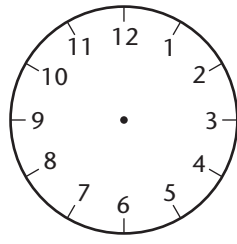
A



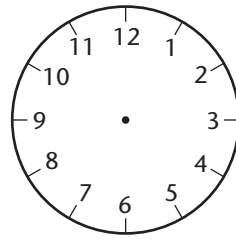
4:30



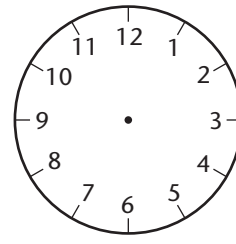
8:45



12:00

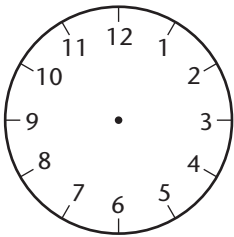


1:15

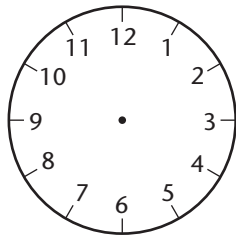


7:30

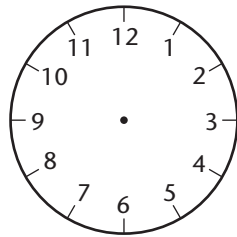
B



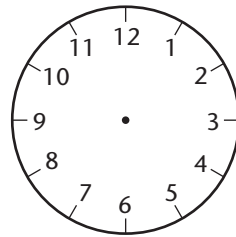
3:05



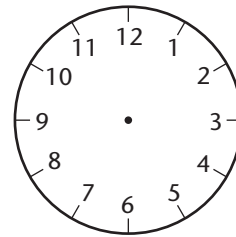
8:50



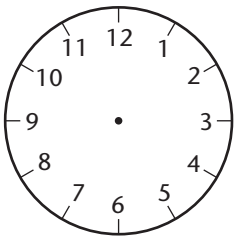
5:20



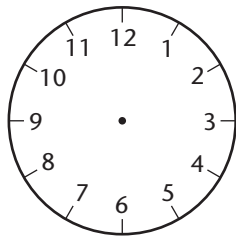
11:45



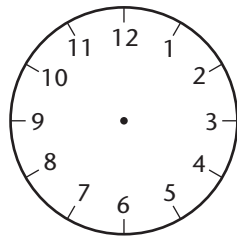
2:10



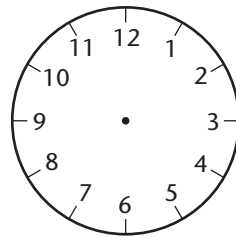
6:40



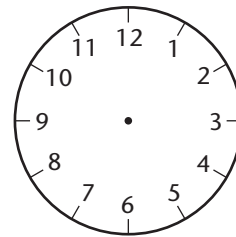
10:15



4:50

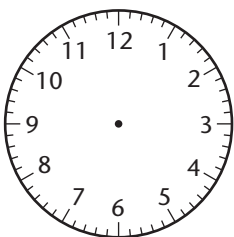


7:25

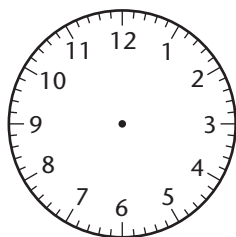


1:35

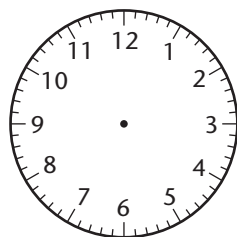
C



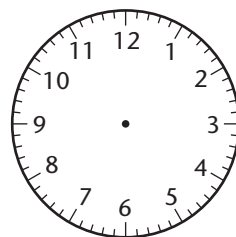
12:37



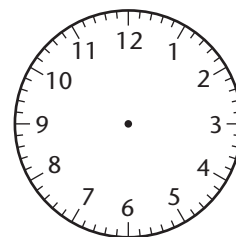
3:04



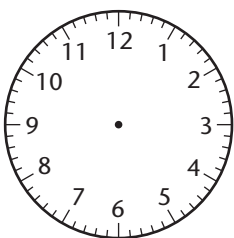
8:59



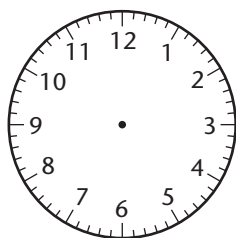
2:21



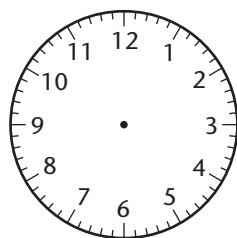
9:46



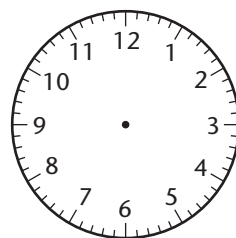
5:13



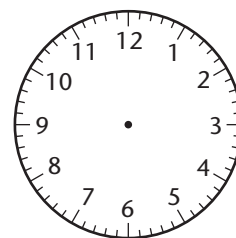
11:32



6:08



10:47



4:24

A

Write the day which comes:

- after Tuesday before Tuesday
- after Thursday before Monday
- after Monday before Thursday
- after Friday before Sunday

B

- April February June November
- August January March October
- December July May September

Write the months in the right order

- 1 **January** 5 9
- 2 6 10
- 3 7 11
- 4 8 12

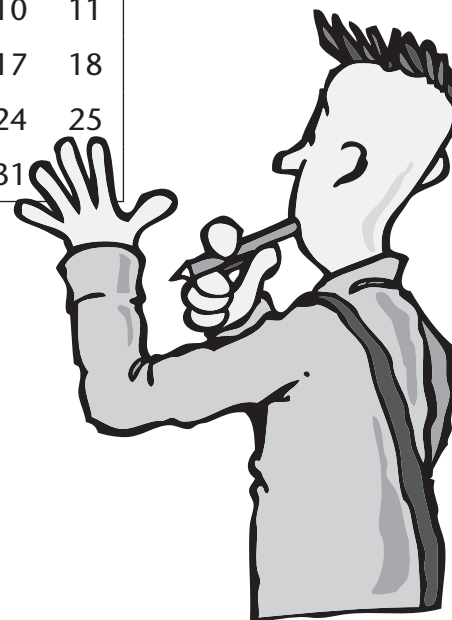
C

Look at the calendar.

- July 1st is a
- July 26th is a
- July 17th is a
- August 1st is a

JULY						
Su	M	Tu	W	Th	F	Sa
			1	2	3	4
5	6	7	8	9	10	11
12	13	14	15	16	17	18
19	20	21	22	23	24	25
26	27	28	29	30	31	

- There are Thursdays in July.
- The third Saturday in July is theth.



A

Fill in the boxes.

20 30 40

50 60 70

0 10 20

60 70 80

40 50 60

Count on.

5 tens from 30

4 tens from 10

3 tens from 70

6 tens from 0

5 tens from 20

Count on.

6 tens from 10

7 tens from 30

5 tens from 0

3 tens from 40

5 tens from 50

B

Fill in the boxes.

53 63 73

72 62 52

15 55

108 68

27 67

Count on.

3 tens from 44

7 tens from 9

4 tens from 61

5 tens from 36

7 tens from 23

Count back.

6 tens from 95

4 tens from 48

5 tens from 102

4 tens from 87

7 tens from 76

C

Count on.

6 tens from 157

8 tens from 471

7 tens from 738

6 tens from 363

5 tens from 286

Count back.

8 tens from 935

4 tens from 509

9 tens from 872

8 tens from 414

7 tens from 657

How many 10s?

576 to 616

242 to 322

894 to 944

389 to 469

645 to 705

Fill in the boxes.

A
72 = 70 +

16 = + 6

59 = 50 +

85 = + 5

27 = 20 +

95 = + 5

63 = 60 +

41 = + 1

36 = 30 +

78 = + 8

54 = 50 +

29 = + 9

87 = 80 +

13 = + 3

65 = 60 +

B
48 = + 18

96 = 80 +

37 = + 17

75 = 60 +

21 = + 11

84 = 70 +

52 = + 12

67 = 50 +

79 = + 19

45 = 30 +

98 = + 18

26 = 10 +

83 = + 13

35 = 20 +

64 = + 14

C
317 = + 17

792 = 700 +

564 = + 4

256 = 200 +

631 = + 31

146 = 140 +

889 = + 9

423 = 400 +

974 = + 74

358 = 350 +

568 = + 8

215 = 210 +

739 = + 39

191 = 100 +

642 = + 2

Fill in the boxes.

A

$35 + 10$

$71 + 10$

$28 + 10$

$43 + 10$

$64 + 10$

$87 + 10$

$39 + 10$

$52 + 10$

$19 + 10$

$47 + 10$

$56 + 10$

$85 + 10$

$22 + 10$

$78 + 10$

$67 + 10$

$32 + 10$

B

$62 + 30$

$37 + 20$

$59 + 20$

$23 + 40$

$41 + 40$

$75 + 20$

$18 + 50$

$53 + 30$

$29 + 50$

$34 + 30$

$75 + 20$

$46 + 30$

$61 + 20$

$58 + 40$

$25 + 20$

$49 + 20$

C

$127 + 30$

$245 + 20$

$579 + 40$

$836 + 30$

$351 + 30$

$198 + 60$

$424 + 70$

$265 + 20$

$738 + 20$

$142 + 40$

$676 + 30$

$354 + 40$

$221 + 40$

$569 + 30$

$957 + 20$

$883 + 40$

Fill in the boxes.

A

Start with the largest number or look for pairs that add up to 10.

$7 + 4 + 6 = \boxed{17}$

$4 + 3 + 7 = \boxed{}$

$3 + 6 + 8 = \boxed{}$

$3 + 9 + 4 = \boxed{}$

$8 + 5 + 2 = \boxed{}$

$6 + 1 + 7 = \boxed{}$

$5 + 2 + 8 = \boxed{}$

$1 + 9 + 6 = \boxed{}$

$2 + 9 + 4 = \boxed{}$

$2 + 6 + 7 = \boxed{}$

$9 + 5 + 4 = \boxed{}$

$7 + 5 + 3 = \boxed{}$

$6 + 9 + 3 = \boxed{}$

$5 + 7 + 2 = \boxed{}$

$4 + 3 + 8 = \boxed{}$

B

$\boxed{} + 4 + 9 = 21$

$6 + 4 + \boxed{} = 16$

$\boxed{} + 9 + 4 = 18$

$5 + \boxed{} + 5 = 17$

$8 + \boxed{} + 5 = 20$

$6 + \boxed{} + 7 = 20$

$9 + 6 + \boxed{} = 18$

$\boxed{} + 9 + 3 = 19$

$8 + 5 + \boxed{} = 19$

$7 + \boxed{} + 4 = 19$

$3 + \boxed{} + 8 = 17$

$7 + \boxed{} + 8 = 17$

$\boxed{} + 9 + 8 = 21$

$9 + 5 + \boxed{} = 21$

$\boxed{} + 6 + 9 = 24$

C

$5 + 14 + \boxed{} = 27$

$\boxed{} + 5 + 13 = 27$

$2 + 6 + \boxed{} = 20$

$7 + \boxed{} + 11 = 22$

$6 + \boxed{} + 16 = 29$

$7 + \boxed{} + 19 = 31$

$\boxed{} + 9 + 19 = 31$

$8 + 3 + \boxed{} = 26$

$\boxed{} + 11 + 7 = 27$

$6 + \boxed{} + 17 = 28$

$7 + \boxed{} + 7 = 32$

$8 + \boxed{} + 16 = 32$

$12 + 6 + \boxed{} = 26$

$\boxed{} + 8 + 14 = 31$

$6 + 9 + \boxed{} = 33$

Fill in the boxes.

A

3 more than 10 is .

8 add 6 equals .

The total of 7 and 11 is .

Altogether 9 and 5 make .

How many is 7 added to 7? .

Add 5 and 13 to make .

6 plus 9 .

14 plus 3 .

5 plus 8 .

8 plus 12 .

10 plus 0 .

7 plus 5 .

B

8 plus 47 equals .

is 30 added to 19.

Which number is 43 add 28? .

76 and 5 make altogether.

25 larger than 50 is .

is the sum of 55 and 39.

Find three one-digit numbers which total:

18 6

21 5

25

C

46 is the total of 26 and .

64 is 7 more than .

plus 29 makes 91.

Add 40 and to make 73.

The sum of and 9 is 90.

83 equals 46 plus .

Find three two-digit numbers which total.

50 11

63 17

84 39

A Write ml or l (litres) in the box.

pool	<input type="text" value="l"/>	ice cream cone	<input type="text"/>	washing up bowl	<input type="text"/>
cup	<input type="text"/>	saucepan	<input type="text"/>	water pistol	<input type="text"/>
bucket	<input type="text"/>	can of drink	<input type="text"/>	lake	<input type="text"/>
glass	<input type="text"/>	oil drum	<input type="text"/>	cereal bowl	<input type="text"/>

B Colour the most sensible estimate.

<p>tea spoon</p> <p>5 ml 500 ml</p> <p>50 ml</p>	<p>can of cola</p> <p>4 ml 400 ml</p> <p>40 ml</p>	<p>a lolly</p> <p>1 ml 100 ml</p> <p>10 ml</p>
<p>milk bottle</p> <p>2l 200 ml</p> <p>20l</p>	<p>saucepan</p> <p>10l 1000 ml</p> <p>100 ml</p>	<p>ice cube</p> <p>1 ml 100 ml</p> <p>10 ml</p>

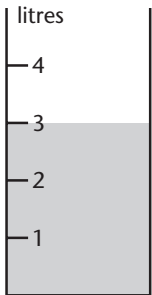
C Fill in the box.

- 1 litre = ml + 700 ml
- 1 litre = ml + 100 ml
- 1 litre = ml + 1000 ml
- 1 litre = ml + 400 ml
- 1 litre = ml + 800 ml
- 1 litre = ml + 500 ml
- 1 litre = ml + 300 ml
- 1 litre = ml + 900 ml
- 1 litre = ml + 200 ml
- 1 litre = ml + 600 ml

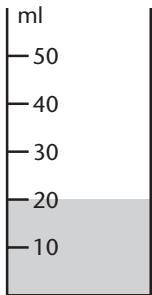


A

Fill in the box.



l



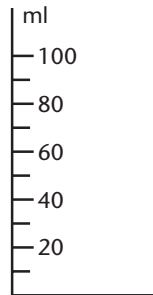
ml

B

Show the level.



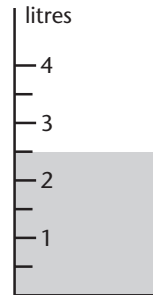
4 litres



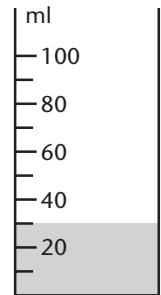
20 ml

C

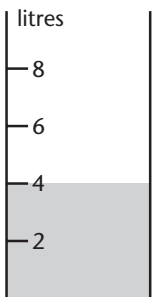
Fill in the box.



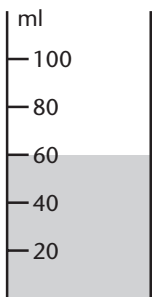
l



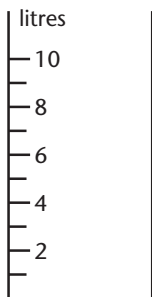
ml



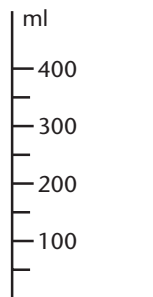
l



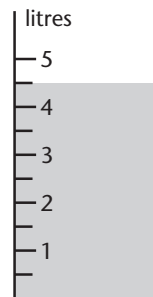
ml



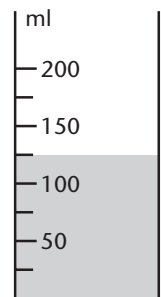
4 litres



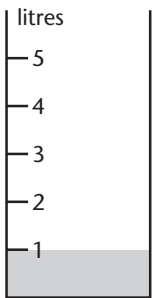
100 ml



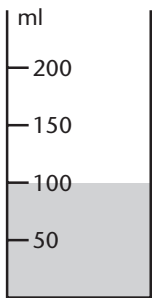
l



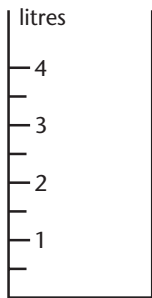
ml



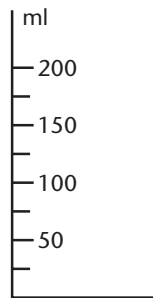
l



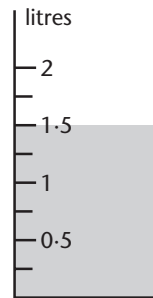
ml



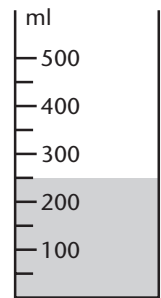
2 litres



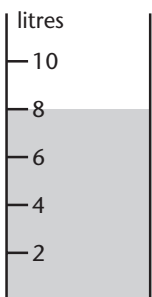
150 ml



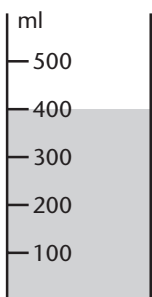
l



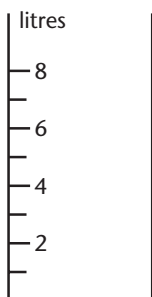
ml



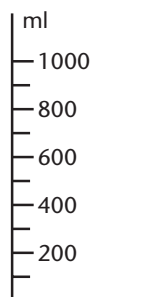
l



ml



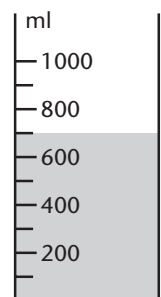
6 litres



500 ml



l



ml

A

Fill in the box.

$100 \text{ cm} = \boxed{1} \text{ m}$

$500 \text{ cm} = \boxed{} \text{ m}$

$800 \text{ cm} = \boxed{} \text{ m}$

$300 \text{ cm} = \boxed{} \text{ m}$

$2 \text{ m} = \boxed{} \text{ cm}$

$10 \text{ m} = \boxed{} \text{ cm}$

$4 \text{ m} = \boxed{} \text{ cm}$

$7 \text{ m} = \boxed{} \text{ cm}$

$1000 \text{ ml} = \boxed{} \text{ litre}$

$4000 \text{ ml} = \boxed{} \text{ litres}$

$2 \text{ litres} = \boxed{} \text{ ml}$

$5 \text{ litres} = \boxed{} \text{ ml}$

$1000 \text{ g} = \boxed{} \text{ kg}$

$3000 \text{ g} = \boxed{} \text{ kg}$

$5 \text{ kg} = \boxed{} \text{ g}$

$2 \text{ kg} = \boxed{} \text{ g}$

B

Write $>$, $<$ or $=$.

$70 \text{ cm} \boxed{>} 17 \text{ cm}$

$200 \text{ cm} \boxed{} 2 \text{ m}$

$600 \text{ cm} \boxed{} 66 \text{ m}$

$90 \text{ cm} \boxed{} 9 \text{ m}$

$3 \text{ m} \boxed{} 300 \text{ cm}$

$5 \text{ m} \boxed{} 50 \text{ cm}$

$1 \text{ m} \boxed{} 110 \text{ cm}$

$6 \text{ m} \boxed{} 600 \text{ cm}$

$3 \text{ litres} \boxed{} 3000 \text{ ml}$

$7 \text{ litres} \boxed{} 700 \text{ ml}$

$6 \text{ litres} \boxed{} 6000 \text{ ml}$

$1 \text{ litre} \boxed{} 10\,000 \text{ ml}$

$400 \text{ g} \boxed{} 4 \text{ kg}$

$8000 \text{ g} \boxed{} 8 \text{ kg}$

$300 \text{ g} \boxed{} 3 \text{ kg}$

$9000 \text{ g} \boxed{} 9 \text{ kg}$

C

Fill in the box.

$50 \text{ mm} = \boxed{} \text{ cm}$

$20 \text{ mm} = \boxed{} \text{ cm}$

$10 \text{ cm} = \boxed{} \text{ mm}$

$4 \text{ cm} = \boxed{} \text{ mm}$

$2000 \text{ m} = \boxed{} \text{ km}$

$8000 \text{ m} = \boxed{} \text{ km}$

$1 \text{ km} = \boxed{} \text{ m}$

$3 \text{ km} = \boxed{} \text{ m}$

Make 1 litre

$400 \text{ ml} + \boxed{} \text{ ml}$

$900 \text{ ml} + \boxed{} \text{ ml}$

$250 \text{ ml} + \boxed{} \text{ ml}$

$50 \text{ ml} + \boxed{} \text{ ml}$

Make 1 kilogram

$700 \text{ g} + \boxed{} \text{ g}$

$200 \text{ g} + \boxed{} \text{ g}$

$450 \text{ g} + \boxed{} \text{ g}$

$850 \text{ g} + \boxed{} \text{ g}$

Sheet 72 SUBTRACTING TENS FROM 2-DIGIT NUMBERS 72

Fill in the boxes.

A

$63 - 10 = \boxed{53}$

$48 - 10 = \boxed{}$

$97 - 10 = \boxed{}$

$25 - 10 = \boxed{}$

$71 - 10 = \boxed{}$

$39 - 10 = \boxed{}$

$54 - 10 = \boxed{}$

$83 - 10 = \boxed{}$

$42 - 10 = \boxed{}$

$95 - 10 = \boxed{}$

$29 - 10 = \boxed{}$

$67 - 10 = \boxed{}$

$58 - 10 = \boxed{}$

$82 - 10 = \boxed{}$

$34 - 10 = \boxed{}$

$76 - 10 = \boxed{}$

B

$73 - 20 = \boxed{}$

$26 - 10 = \boxed{}$

$51 - 40 = \boxed{}$

$65 - 30 = \boxed{}$

$87 - 20 = \boxed{}$

$38 - 30 = \boxed{}$

$93 - 60 = \boxed{}$

$49 - 20 = \boxed{}$

$57 - 30 = \boxed{}$

$24 - 20 = \boxed{}$

$78 - 40 = \boxed{}$

$32 - 20 = \boxed{}$

$41 - 40 = \boxed{}$

$96 - 20 = \boxed{}$

$69 - 50 = \boxed{}$

$85 - 60 = \boxed{}$

C

$346 - 30 = \boxed{}$

$172 - 60 = \boxed{}$

$517 - 20 = \boxed{}$

$255 - 50 = \boxed{}$

$123 - 40 = \boxed{}$

$689 - 70 = \boxed{}$

$905 - 50 = \boxed{}$

$798 - 40 = \boxed{}$

$236 - 50 = \boxed{}$

$464 - 20 = \boxed{}$

$812 - 40 = \boxed{}$

$559 - 90 = \boxed{}$

$181 - 30 = \boxed{}$

$345 - 70 = \boxed{}$

$703 - 20 = \boxed{}$

$677 - 50 = \boxed{}$

Fill in the boxes.

A

8 less than 16 equals .

Subtract 13 from 20 to leave .

13 take 7 is .

9 is fewer than 17.

12 subtract 9 equals .

14 taken away from 19 is .

18 minus 6

11 minus 3

15 minus 5

20 minus 11

14 minus 9

17 minus 6

B

Take 50 away from 66 to leave .

88 subtract 27 is .

is 8 less than 31.

78 equals minus 40.

62 take 14 equals .

7 fewer than 94 is .

The difference between:

75 and 16 is

27 and 9 is

30 and 54 is

69 and 24 is

55 and 6 is

C

80 minus 37 equals .

Take 47 from 82 to leave .

20 less than 112 is .

71 subtract 55 leaves .

is 80 fewer than 750.

29 taken away from 100 is .

The difference between:

92 and 64 is

820 and 300 is

95 and 28 is

500 and 40 is

72 and 36 is



Fill in the box.

A

7 chocolate biscuits

5 plain biscuits

biscuits altogether

Cindy has 18p.

She spends 15p.

She has p left.

The classroom is 10 m long.

The Hall is 14 m longer.

The Hall is m long

20 pins in a box

6 are used

pins left

B

A drink costs 35p.

A cake costs 50p.

Together they cost p.

60 children in Year 2

4 are away

children in school

English lasts 55 minutes.

Music is 20 minutes shorter.

Music lasts minutes

Karen is on page 43.

She reads 8 more pages.

She is on page .

C

100 tissues in a box

35 are used

tissues left

120 sheep in one field

60 sheep in the next field

sheep altogether

65 adults

17 children

people

119 children in a school

90 have a school dinner

do not have a school dinner.

Write the missing number in the box.

A

Make 10p

× 1p

× 2p

× 5p

× 10p

Make 20p

× 1p

× 2p

× 5p

× 10p

Make 50p

× 2p

× 5p

× 10p

× 50p

Make £1

× 1p

× 10p

× 20p

× 50p

B

Make £1

× 1p

× 2p

× 5p

× 10p

× 20p

Make £2

× £1

× 50p

× 20p

× 10p

× 5p

Make £5

× £1

× 50p

× 20p

× 10p

× 5p

Make £10

× £5

× £2

× £1

× 50p

× 10p

C

Make £10

× 20p

× 10p

× 5p

× 2p

× 1p

Make £50

× £10

× £5

× £2

× 50p

× 10p

Make £100

× £20

× £10

× £5

× £2

× 50p

Make £200

× £20

× £10

× £5

× £2

× 20p

Fill in the box.

A

One 50p coin.

One 20p coin.

p altogether.

Cola costs 59p.

Orange costs 10p less.

Orange costs p.



Charlie has £9.

Asif has £4 more.

Asif has £ .

Carly has 20p.

She spends 6p.

She now has p.

B

A small lolly costs 65p.

A large lolly costs 30p more.

A large lolly costs p.

Together a pencil and a rubber cost 65p.

The rubber costs 40p.

The pencil costs p.

Tommy has 58p.

He finds 5p.

He now has p.

Some sweets cost 30p.

I pay with 50p.

I am given p change.

C

A TV costs £399.

In a sale its price is £50 less.

It now costs £ .

I pay £1.

I am given 28p change.

I spent p.

Judy has 47p.

Jayne has 29p.

Together they have p.

A sandwich costs £2.45.

A roll costs £1.65.

The sandwich costs p more.

A

D	E	F	G
C	N	O	H
B	M	P	I
A	L	K	J

Write the letter you find:

above N

below P

to the left of M

to the right of O

between N and L

2 squares below F

3 squares above A

in the bottom right hand corner

furthest away from A

between C and O

2 squares to the right of D

3 squares to the left of J

B

	P		
			O

Write the letter in the given position:

A above O

B 2 squares below P

C in the top left hand corner

D between P and A

E to the right of C

F 2 squares above O

G 3 squares to the left of O

H between P and B

I in the bottom left hand corner

J above D

















K below O

L between H and O

M on the bottom row

N in the only place left

C

4				
3				
2				
1				
	A	B	C	D

Draw the shape found at:

B1

D1

D4

A3

A2

C4

C3

B2

B3

D3

D2

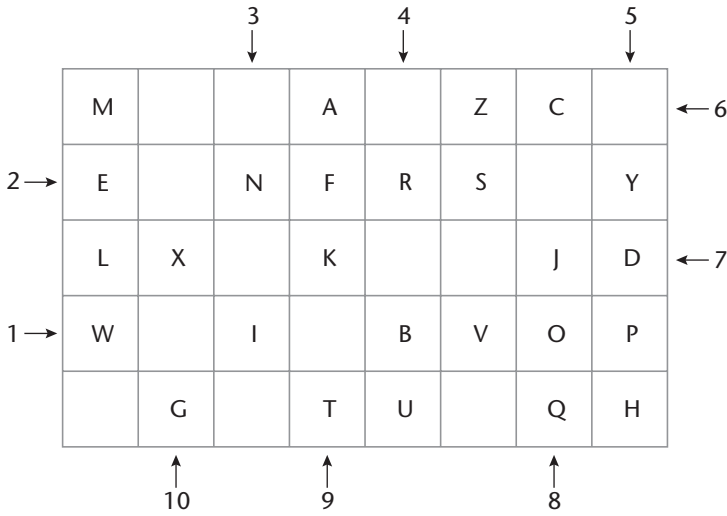
A1

A4

C2

C1

B4



Examples

F2 = Forward 2 squares

B3 = Back 3 squares

QTR = Quarter turn to right

QTL = Quarter turn to left

A

Follow the directions.
Write the letter you find.

Start at 10

F3 QTR
F2

Start at 6

F4 QTL
F3

Start at 2

F7 QTR
F1

Start at 3

F5 QTL
F4

Start at 9

F3 QTR
F4

B

Follow the directions.
Write the letter you find.

Start at 7

F6 QTL
F1 QTR
F2

Start at 4

F4 QTL
B3 QTR
B1

Start at 10

F5 QTR
F4 QTL
B1

Start at 1

F3 QTL
F3 QTL
B3

C

Follow the directions.
Find the word.

Start at 8 F5 C
QTR B3
QTL F4

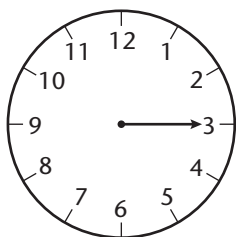
Start at 5 F4
QTR F5
QTL B2
QTR B2

Write the directions.

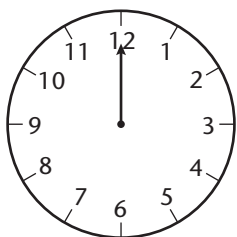
Start at 2 F5 R
..... U
..... G
..... L
..... E
..... F
..... T

Draw the minute hand after making the turn shown.

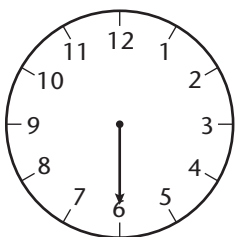
A



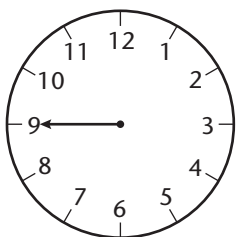
quarter
turn



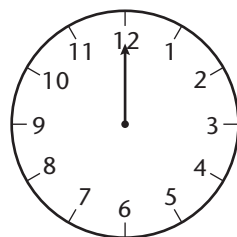
half
turn



quarter
turn

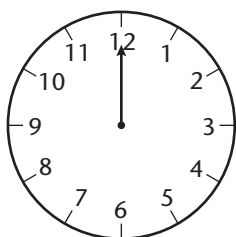


half
turn

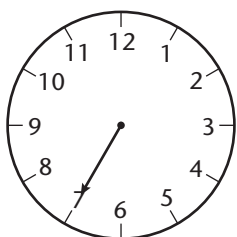


quarter
turn

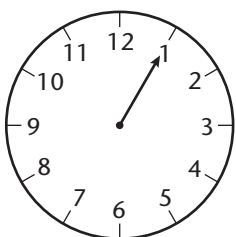
B



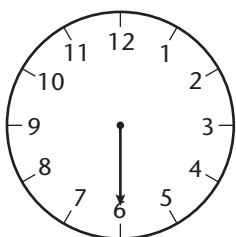
3 quarters



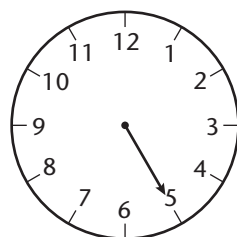
quarter



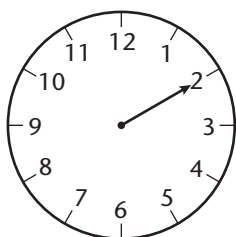
half



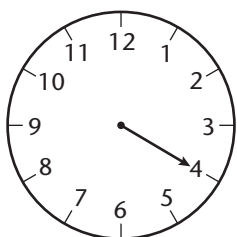
3 quarters



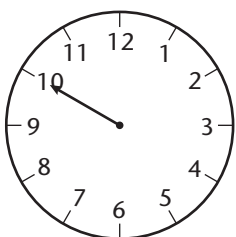
half



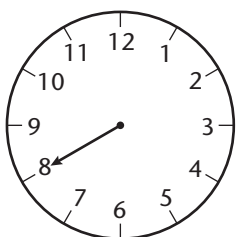
quarter



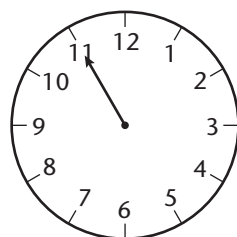
3 quarters



quarter



half



3 quarters

C

Write the new time if the hour hand makes these turns.

one quarter:

from 5

from 1

from 11

from 4

three quarters:

from 3

from 8

from 1

from 5

one half:

from 4

from 11

from 2

from 7

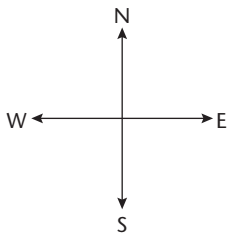
three quarters:

from 9

from 2

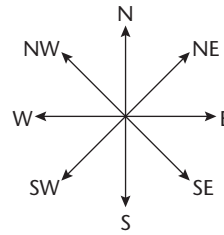
from 7

from 10



INSTRUCTIONS

- HT half turn
- QTR quarter turn right
- 3QTL 3 quarters turn left
- WT whole turn



Write down the direction you would be facing after making these turns.



<p>A</p> <p>Face North</p> <p>HT <input style="width: 40px; height: 20px;" type="text" value="S"/></p> <p>QTL <input style="width: 40px; height: 20px;" type="text" value="W"/></p> <p>WT <input style="width: 40px; height: 20px;" type="text"/></p> <p>Face West</p> <p>HT <input style="width: 40px; height: 20px;" type="text"/></p> <p>QTR <input style="width: 40px; height: 20px;" type="text"/></p> <p>WT <input style="width: 40px; height: 20px;" type="text"/></p> <p>Face South</p> <p>HT <input style="width: 40px; height: 20px;" type="text"/></p> <p>QTL <input style="width: 40px; height: 20px;" type="text"/></p> <p>WT <input style="width: 40px; height: 20px;" type="text"/></p> <p>Face East</p> <p>HT <input style="width: 40px; height: 20px;" type="text"/></p> <p>QTR <input style="width: 40px; height: 20px;" type="text"/></p> <p>WT <input style="width: 40px; height: 20px;" type="text"/></p>	<p>B</p> <p>Face North</p> <p>3QTR <input style="width: 40px; height: 20px;" type="text"/></p> <p>QTR <input style="width: 40px; height: 20px;" type="text"/></p> <p>3QTL <input style="width: 40px; height: 20px;" type="text"/></p> <p>Face South</p> <p>3QTR <input style="width: 40px; height: 20px;" type="text"/></p> <p>QTR <input style="width: 40px; height: 20px;" type="text"/></p> <p>3QTL <input style="width: 40px; height: 20px;" type="text"/></p> <p>Face West</p> <p>3QTR <input style="width: 40px; height: 20px;" type="text"/></p> <p>QTL <input style="width: 40px; height: 20px;" type="text"/></p> <p>3QTL <input style="width: 40px; height: 20px;" type="text"/></p> <p>Face East</p> <p>3QTR <input style="width: 40px; height: 20px;" type="text"/></p> <p>QTL <input style="width: 40px; height: 20px;" type="text"/></p> <p>3QTL <input style="width: 40px; height: 20px;" type="text"/></p>	<p>C</p> <p>Face NW</p> <p>HT <input style="width: 40px; height: 20px;" type="text"/></p> <p>QTL <input style="width: 40px; height: 20px;" type="text"/></p> <p>3QTL <input style="width: 40px; height: 20px;" type="text"/></p> <p>Face NE</p> <p>QTR <input style="width: 40px; height: 20px;" type="text"/></p> <p>3QTR <input style="width: 40px; height: 20px;" type="text"/></p> <p>HT <input style="width: 40px; height: 20px;" type="text"/></p> <p>Face SE</p> <p>QTL <input style="width: 40px; height: 20px;" type="text"/></p> <p>3QTL <input style="width: 40px; height: 20px;" type="text"/></p> <p>QTR <input style="width: 40px; height: 20px;" type="text"/></p> <p>Face SW</p> <p>3QTR <input style="width: 40px; height: 20px;" type="text"/></p> <p>QTL <input style="width: 40px; height: 20px;" type="text"/></p> <p>3QTL <input style="width: 40px; height: 20px;" type="text"/></p>
--	--	---

A

Fill in the boxes.

0 3 6 9

15 18 21 27

9 12 15 18

3 6 12 15

24 27 30 36

Start at 0. Count on.

4 threes

2 threes

5 threes

3 threes

6 threes

How many 3s?

6 threes

15 threes

9 threes

12 threes

30 threes

B

Fill in the boxes.

6 12 15

 24 27 33

12 18 21

 21 24 30

 27 30 33

Start at 0. Count on.

7 threes

12 threes

8 threes

9 threes

11 threes

How many 3s?

18 threes

24 threes

15 threes

36 threes

27 threes

C

Write the missing number in the box.

6×3

11×3

9×3

$30 \div 3$

$24 \div 3$

$18 \div 3$

5×3

8×3

12×3

$21 \div 3$

$9 \div 3$

$33 \div 3$

10×3

4×3

7×3

$27 \div 3$

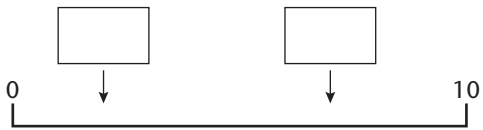
$15 \div 3$

$36 \div 3$

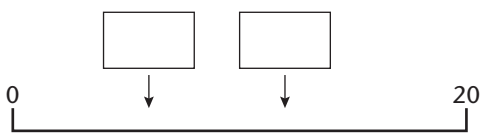
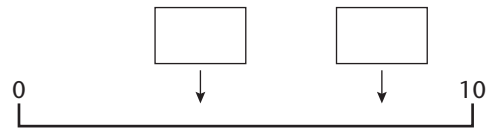
Write your estimate of each number shown in the box.

A

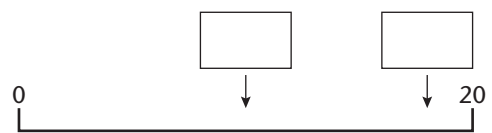
The answers are:



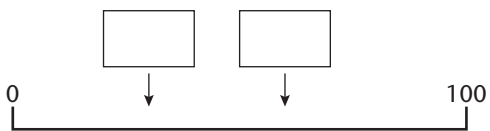
(1s)



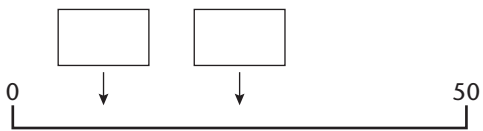
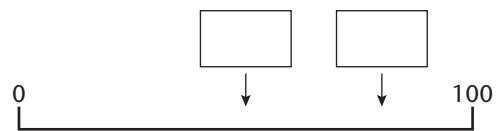
(2s)



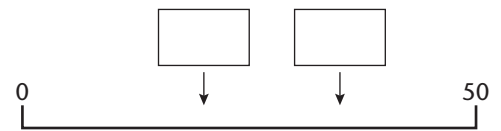
B



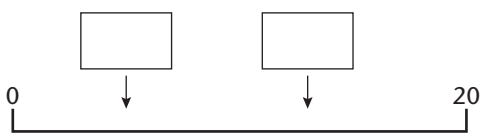
(10s)



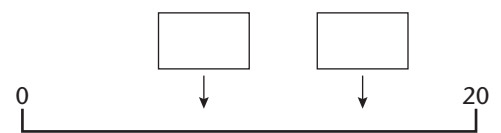
(5s)



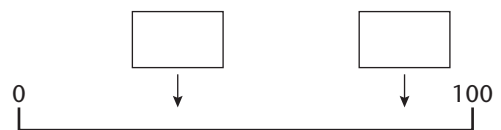
C



(1s)



(5s)



A

Write out each table.

TWOS 2 4 6

FIVES

TENS

B

Fill in the boxes.

5×2	<input type="text" value="10"/>	7×2	<input type="text"/>	$22 \div 2$	<input type="text"/>	$12 \div 2$	<input type="text"/>
4×5	<input type="text"/>	11×5	<input type="text"/>	$10 \div 5$	<input type="text"/>	$60 \div 5$	<input type="text"/>
11×10	<input type="text"/>	5×10	<input type="text"/>	$30 \div 10$	<input type="text"/>	$70 \div 10$	<input type="text"/>
12×2	<input type="text"/>	8×2	<input type="text"/>	$18 \div 2$	<input type="text"/>	$20 \div 2$	<input type="text"/>
9×5	<input type="text"/>	6×5	<input type="text"/>	$35 \div 5$	<input type="text"/>	$40 \div 5$	<input type="text"/>
6×10	<input type="text"/>	10×10	<input type="text"/>	$120 \div 10$	<input type="text"/>	$90 \div 10$	<input type="text"/>

C

Fill in the boxes.

<input type="text" value="8"/> $\times 2 = 16$	<input type="text"/> $\times 2 = 22$	<input type="text"/> $\div 2 = 9$	<input type="text"/> $\div 2 = 10$
<input type="text"/> $\times 5 =$	<input type="text"/> $\times 5 = 5$	<input type="text"/> $\div 5 = 7$	<input type="text"/> $\div 5 = 8$
<input type="text"/> $\times 10 =$	<input type="text"/> $\times 10 = 100$	<input type="text"/> $\div 10 = 11$	<input type="text"/> $\div 10 = 10$
<input type="text"/> $\times 2 =$	<input type="text"/> $\times 2 = 12$	<input type="text"/> $\div 2 = 4$	<input type="text"/> $\div 2 = 5$
<input type="text"/> $\times 5 =$	<input type="text"/> $\times 5 = 60$	<input type="text"/> $\div 5 = 9$	<input type="text"/> $\div 5 = 6$
<input type="text"/> $\times 10 =$	<input type="text"/> $\times 10 = 90$	<input type="text"/> $\div 10 = 2$	<input type="text"/> $\div 10 = 3$

Change the order and multiply.

A

$2 \times 6 = \boxed{6} \times \boxed{2} = \boxed{12}$

$10 \times 7 = \boxed{} \times \boxed{} = \boxed{}$

$5 \times 3 = \boxed{} \times \boxed{} = \boxed{}$

$2 \times 4 = \boxed{} \times \boxed{} = \boxed{}$

$10 \times 4 = \boxed{} \times \boxed{} = \boxed{}$

$5 \times 6 = \boxed{} \times \boxed{} = \boxed{}$

$2 \times 11 = \boxed{} \times \boxed{} = \boxed{}$

$10 \times 8 = \boxed{} \times \boxed{} = \boxed{}$

$5 \times 9 = \boxed{} \times \boxed{} = \boxed{}$

$2 \times 3 = \boxed{} \times \boxed{} = \boxed{}$

B

$2 \times 12 = \boxed{} \times \boxed{} = \boxed{}$

$2 \times 8 = \boxed{16}$

$2 \times 50 = \boxed{}$

$10 \times 3 = \boxed{} \times \boxed{} = \boxed{}$

$10 \times 6 = \boxed{}$

$10 \times 11 = \boxed{}$

$5 \times 8 = \boxed{} \times \boxed{} = \boxed{}$

$5 \times 4 = \boxed{}$

$5 \times 12 = \boxed{}$

$2 \times 9 = \boxed{} \times \boxed{} = \boxed{}$

$2 \times 7 = \boxed{}$

$2 \times 20 = \boxed{}$

$10 \times 12 = \boxed{} \times \boxed{} = \boxed{}$

$10 \times 9 = \boxed{}$

$10 \times 8 = \boxed{}$

$5 \times 7 = \boxed{} \times \boxed{} = \boxed{}$

$5 \times 11 = \boxed{}$

$5 \times 20 = \boxed{}$

C

$2 \times 30 = \boxed{}$

$3 \times 9 = \boxed{}$

$4 \times 6 = \boxed{}$

$3 \times 6 = \boxed{}$

$4 \times 8 = \boxed{}$

$5 \times 50 = \boxed{}$

$4 \times 7 = \boxed{}$

$5 \times 90 = \boxed{}$

$10 \times 20 = \boxed{}$

$5 \times 40 = \boxed{}$

$10 \times 18 = \boxed{}$

$2 \times 25 = \boxed{}$

$10 \times 50 = \boxed{}$

$2 \times 60 = \boxed{}$

$3 \times 8 = \boxed{}$

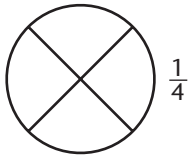
$2 \times 14 = \boxed{}$

$3 \times 7 = \boxed{}$

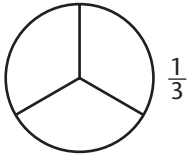
$4 \times 9 = \boxed{}$

Colour the fraction shown.

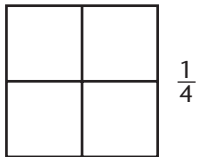
A



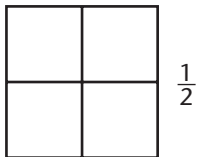
$\frac{1}{4}$



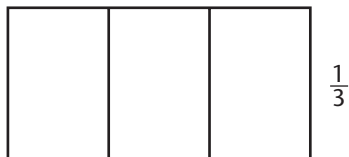
$\frac{1}{3}$



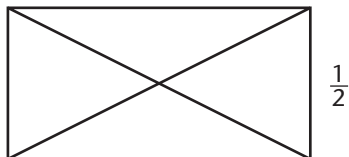
$\frac{1}{4}$



$\frac{1}{2}$

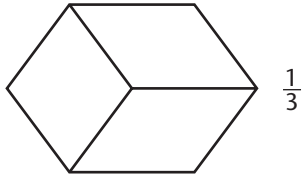


$\frac{1}{3}$

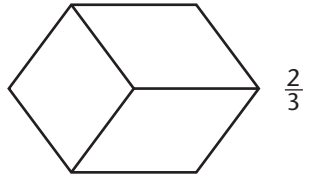


$\frac{1}{2}$

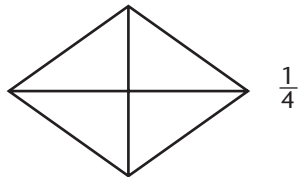
B



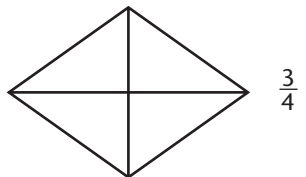
$\frac{1}{3}$



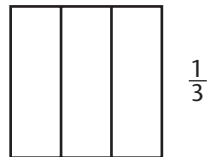
$\frac{2}{3}$



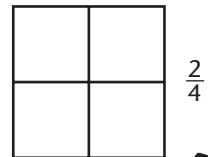
$\frac{1}{4}$



$\frac{3}{4}$

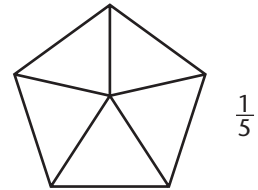


$\frac{1}{3}$

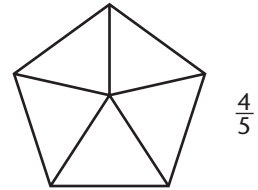


$\frac{2}{4}$

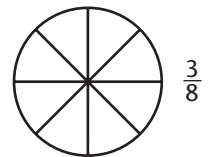
C



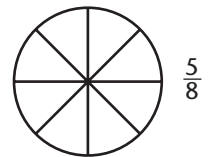
$\frac{1}{5}$



$\frac{4}{5}$



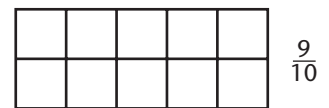
$\frac{3}{8}$



$\frac{5}{8}$



$\frac{2}{10}$



$\frac{9}{10}$

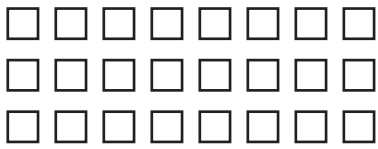


$\frac{24}{17}$



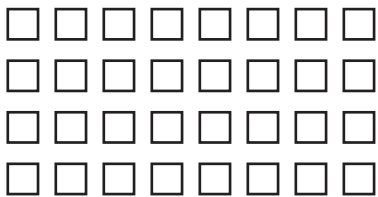
A

Colour the squares
half – blue
quarter – red



$\frac{1}{2}$ of 24

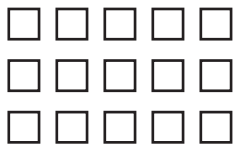
$\frac{1}{4}$ of 24



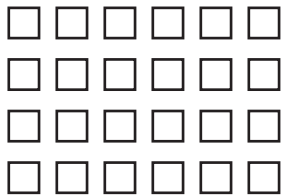
$\frac{1}{2}$ of 32

$\frac{1}{4}$ of 32

Colour $\frac{1}{3}$ blue.



$\frac{1}{3}$ of 15



$\frac{1}{3}$ of 24

B

Find one half of:

6

14

22

100

60

Find one quarter of:

36

12

28

16

80

Find one third of:

12

30

18

9

21

C

Find one fifth of:

10

35

50

25

100

Find one tenth of:

40

100

70

500

90

Find one sixth of:

12

24

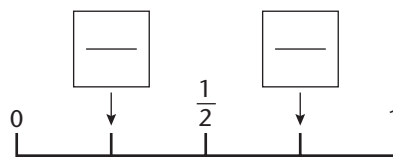
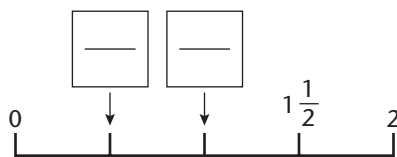
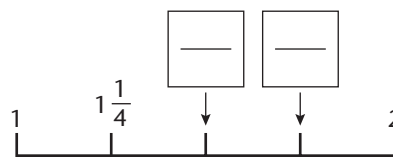
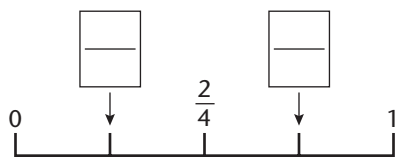
60

18

36

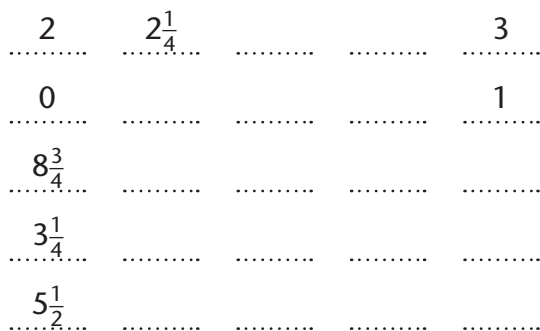
A

Write the number shown in the box.

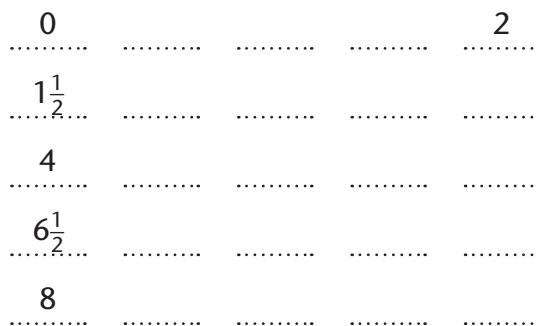


B

Count on in quarters from:



Count on in halves from:



C

Write the fraction shown by the letters.



A..... B.....



E..... F.....



I..... J.....



C..... D.....



G..... H.....



K..... L.....

Sheet 88 ADDITION/SUBTRACTION RELATIONSHIP 88

Write the missing number. Use the three given numbers only.

A

$7 + 5 = \boxed{12}$

$5 + 7 = \boxed{}$

$12 - 5 = \boxed{}$

$12 - 7 = \boxed{}$

$15 - 9 = 6$

$15 - \boxed{} = \boxed{}$

$\boxed{} - \boxed{} = 15$

$\boxed{} - \boxed{} = \boxed{}$

$42 + 10 = \boxed{}$

$\boxed{} + \boxed{} = \boxed{}$

$\boxed{} - \boxed{} = \boxed{}$

$\boxed{} - \boxed{} = \boxed{}$

$27 - 10 = \boxed{}$

$\boxed{} - \boxed{} = \boxed{}$

$\boxed{} + \boxed{} = \boxed{}$

$\boxed{} + \boxed{} = \boxed{}$

B

$38 + 9 = \boxed{}$

$\boxed{} + \boxed{} = \boxed{}$

$\boxed{} - \boxed{} = \boxed{}$

$\boxed{} - \boxed{} = \boxed{}$

$64 - 6 = \boxed{}$

$\boxed{} - \boxed{} = \boxed{}$

$\boxed{} + \boxed{} = \boxed{}$

$\boxed{} + \boxed{} = \boxed{}$

$59 + 40 = \boxed{}$

$\boxed{} + \boxed{} = \boxed{}$

$\boxed{} - \boxed{} = \boxed{}$

$\boxed{} - \boxed{} = \boxed{}$

$83 - 20 = \boxed{}$

$\boxed{} - \boxed{} = \boxed{}$

$\boxed{} + \boxed{} = \boxed{}$

$\boxed{} + \boxed{} = \boxed{}$

C

$146 + \boxed{} = 153$

$\boxed{} + \boxed{} = \boxed{}$

$\boxed{} - \boxed{} = \boxed{}$

$\boxed{} - \boxed{} = \boxed{}$

$62 - \boxed{} = 37$

$\boxed{} - \boxed{} = \boxed{}$

$\boxed{} + \boxed{} = \boxed{}$

$\boxed{} + \boxed{} = \boxed{}$

$281 + \boxed{} = 331$

$\boxed{} + \boxed{} = \boxed{}$

$\boxed{} - \boxed{} = \boxed{}$

$\boxed{} - \boxed{} = \boxed{}$

$\boxed{} - 30 = 375$

$\boxed{} - \boxed{} = \boxed{}$

$\boxed{} + \boxed{} = \boxed{}$

$\boxed{} + \boxed{} = \boxed{}$

Fill in the boxes.

A

$$\boxed{6} + 9 = 15$$

$$8 + \boxed{} = 20$$

$$\boxed{} + 7 = 11$$

$$9 + \boxed{} = 14$$

$$\boxed{} - 8 = 7$$

$$19 - \boxed{} = 12$$

$$\boxed{} - 9 = 3$$

$$14 - \boxed{} = 8$$

$$\boxed{} + 10 = 40$$

$$10 + \boxed{} = 90$$

$$\boxed{} + 10 = 85$$

$$10 + \boxed{} = 47$$

$$\boxed{} - 10 = 31$$

$$56 - \boxed{} = 10$$

$$\boxed{} - 10 = 54$$

$$29 - \boxed{} = 10$$

B

$$\boxed{} + 7 = 95$$

$$25 + \boxed{} = 33$$

$$\boxed{} + 4 = 101$$

$$59 + \boxed{} = 65$$

$$\boxed{} - 8 = 63$$

$$33 - \boxed{} = 29$$

$$\boxed{} - 7 = 55$$

$$96 - \boxed{} = 87$$

$$\boxed{} + 20 = 70$$

$$60 + \boxed{} = 100$$

$$\boxed{} + 35 = 75$$

$$30 + \boxed{} = 98$$

$$\boxed{} - 50 = 40$$

$$70 - \boxed{} = 40$$

$$\boxed{} - 70 = 14$$

$$95 - \boxed{} = 40$$

C

$$\boxed{} + 9 = 266$$

$$474 + \boxed{} = 482$$

$$\boxed{} + 3 = 732$$

$$398 + \boxed{} = 404$$

$$\boxed{} - 7 = 597$$

$$240 - \boxed{} = 235$$

$$\boxed{} - 9 = 556$$

$$832 - \boxed{} = 824$$

$$\boxed{} + 30 = 300$$

$$450 + \boxed{} = 510$$

$$\boxed{} + 90 = 333$$

$$576 + \boxed{} = 626$$

$$\boxed{} - 70 = 660$$

$$360 - \boxed{} = 280$$

$$\boxed{} - 40 = 767$$

$$932 - \boxed{} = 842$$



Fill in the box.

A

6 blue marbles

7 red marbles

marbles altogether

16 sausages

7 are eaten

sausages left

B

27 children in 2T

14 are girls

are boys

Jason has 55p.

Jill has 20p.

They have p altogether.

C

36 books on the top shelf

28 on the bottom shelf

books altogether

A toy costs 59p.

I pay £1.

I am given p change.

20 thick paint brushes

5 fewer thin brushes

thin brushes

12 boys

10 girls

children

60 cans in a shop

7 are bought

cans are left

29 fish in one pond

5 more in a second pond

fish in the second pond

Cheese weighs 245 g

80 g is used

g is left

There are 157 trees in a wood.

12 more are planted

trees in the wood



Complete the tally charts.

A

The favourite pets of 24 children.

H D ∅ D H S D ∅
 D H D ∅ S H ∅ H
 ∅ S D H D ∅ H D

Pet	Tally	Total
cat		6
dog		
hamster		
snake		

B

How 32 children come to school.

C B W W B C W S
 B W C S W B B W
 B W B C S W W B
 W B C W B W B C

Way	Tally	Total
bike		
car		
scooter		
walk		

C

The colours of 50 flowers in a display.

W P Y R Y P W Y P W
 Y Y W P Y W R P Y Y
 P Y R W P Y P P W P
 W R P Y W P R Y P W
 P Y Y R P W Y W P Y

Colour	Tally	Total
pink		
red		
white		
yellow		

A

Breakfast	People
beans	3
cereal	8
eggs	5
smoothie	4
toast	7

How many people?

toast

beans

smoothie

eggs

cereal

Which breakfast?

5 people

4 people

7 people

8 people

3 people

B

Weather	Days
cloud	9
fog	2
sun	12
rain	7

days were sunny.

2 days had

more days of cloud than rain.

5 fewer days of rain than

days had cloud or rain.

days in month altogether.

C

Day	Ducks
Monday	15
Tuesday	7
Wednesday	21
Thursday	13
Friday	18

ducks on the pond on Wednesday.

more ducks on Monday than Tuesday.

fewer ducks on Thursday than Friday.

ducks on the first 2 days altogether.

ducks altogether on the 5 days.

Sheet 93 MULTIPLICATION/DIVISION RELATIONSHIP 2 93

Fill in the boxes. Use the same three numbers.

A

$7 \times 2 = \square$

$2 \times 7 = \square$

$14 \div 2 = \square$

$14 \div 7 = \square$

$3 \times 5 = \square$

$5 \times 3 = \square$

$\square \div 5 = \square$

$\square \div 3 = \square$

$9 \times 10 = \square$

$10 \times 9 = \square$

$\square \div 10 = \square$

$\square \div 9 = \square$

$6 \times 2 = \square$

$2 \times 6 = \square$

$\square \div 2 = \square$

$\square \div 6 = \square$

B

$11 \times 2 = \square$

$\square \div 2 = \square$

$7 \times 5 = \square$

$\square \div 5 = 7$

$12 \times 10 = \square$

$\square \div 10 = \square$

$8 \times 2 = \square$

$\square \div 2 = \square$

$55 \div 11 = \square$

$\square \times 11 = \square$

$60 \div 10 = \square$

$\square \times 10 = \square$

$24 \div \square = 2$

$\square \times 2 = \square$

$45 \div \square = 5$

$\square \times 5 = \square$

C

$70 \times 2 = \square$

$\square \div 2 = \square$

$60 \times 5 = \square$

$\square \div 5 = \square$

$350 \div 10 = \square$

$\square \times 10 = \square$

$24 \div 4 = \square$

$\square \times 4 = \square$

$90 \times 2 = \square$

$\square \div 2 = \square$

$80 \times 5 = \square$

$\square \div 5 = \square$

$270 \div 10 = \square$

$\square \times 10 = \square$

$27 \div 3 = \square$

$\square \times 3 = \square$

Fill in the box.

A

How much is
three 10p coins?

Answer p.

12 pencils.

2 packets.

pencils in each packet.

2 birds in each nest.

5 nests.

birds altogether.

3 toys cost 60p altogether.

How much does one toy cost?

Answer p.

B

How many pairs can be made
from 26 children?

Answer pairs.

Nine sweets in each bag.

5 bags.

sweets altogether.

One spoonful is 10 ml.

Ten spoonfuls.

ml altogether.

I have 5p coins only.

I have 30p altogether.

I have coins.

C

12 months in one year.

3 years is months.

6 plates in each pile.

4 piles.

plates altogether.

2 drinks cost 70p altogether.

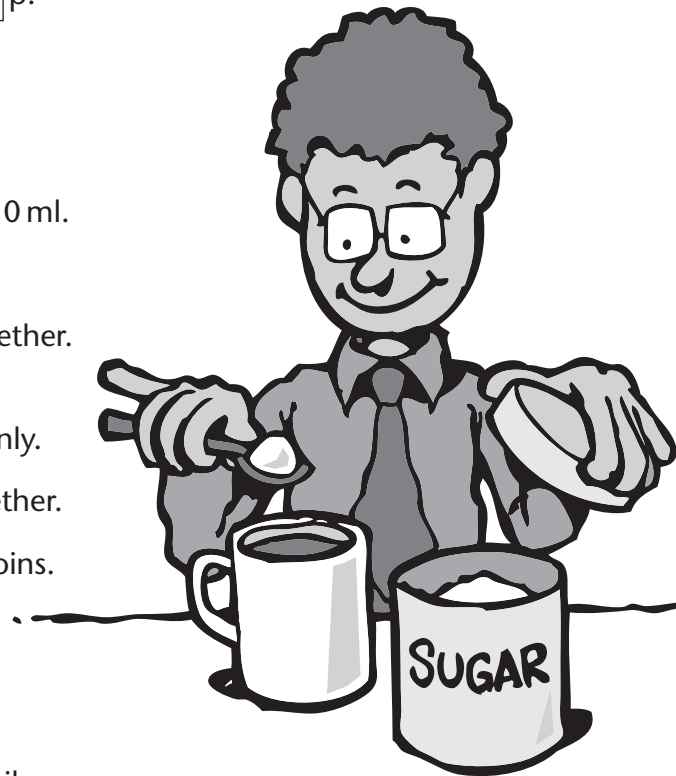
How much does one drink cost?

Answer p.

200 g on a scale.

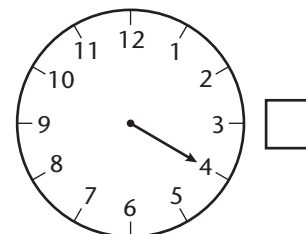
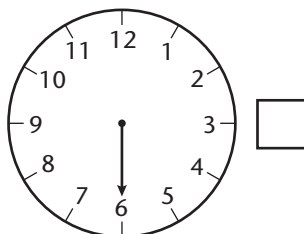
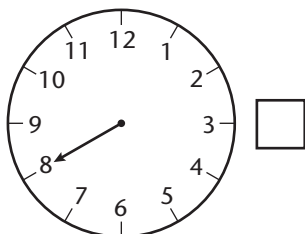
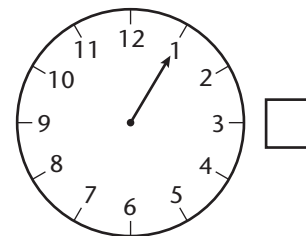
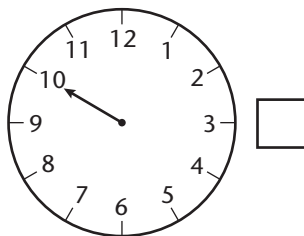
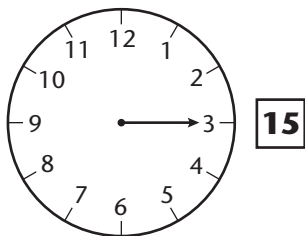
Four weights only.

Each weight is g.



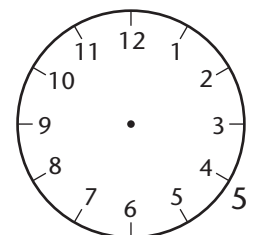
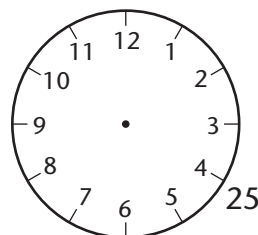
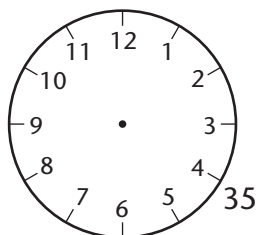
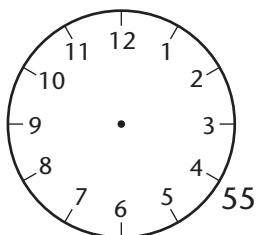
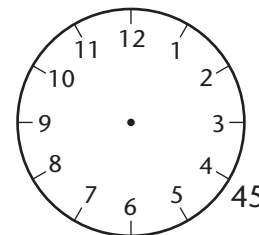
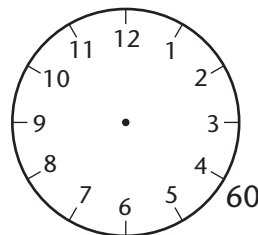
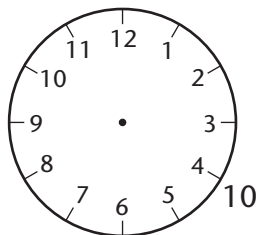
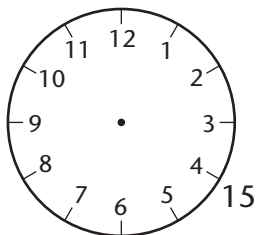
A

How many minutes are shown by the minute hand of each clock face.



B

Draw the minute on each clock to show the number of minutes.



C

How many minutes are there in:

1 hour

2 hours

10 hours

5 hours

4 hours

half an hour

a quarter of an hour

three quarters of an hour

one and a half hours

two and a half hours

How many minutes pass if the minute hand moves:

from 3 to 7

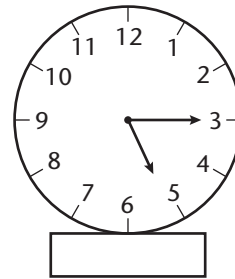
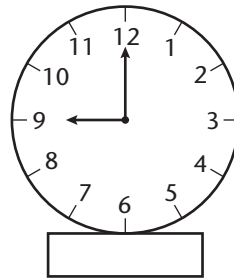
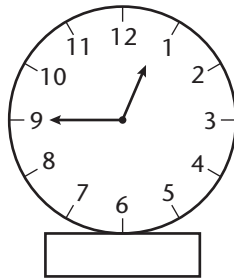
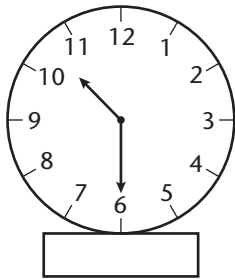
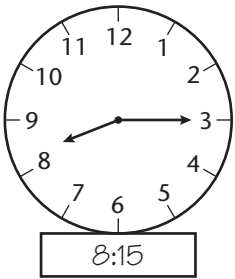
from 11 to 2

from 4 to 11

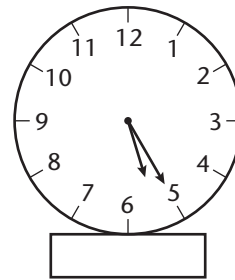
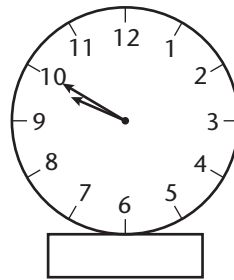
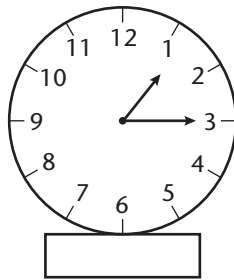
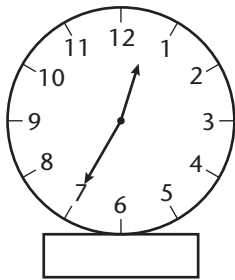
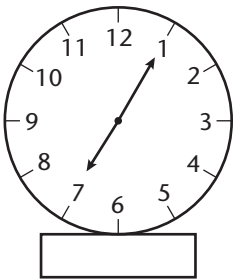
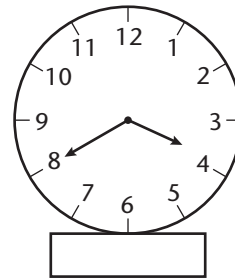
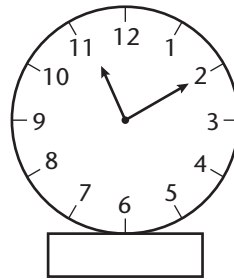
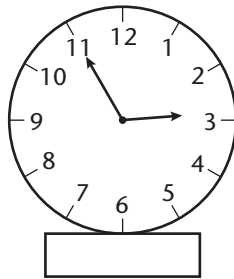
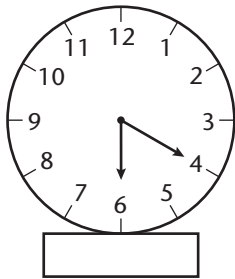
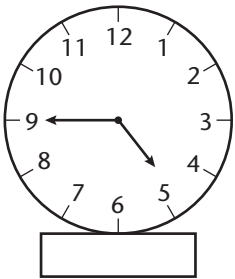
from 10 to 8

Write the time in figures.

A



B



C

