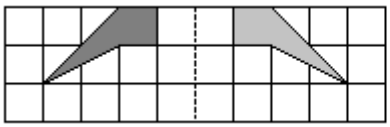
EM 8C Assessment Test
Test 2

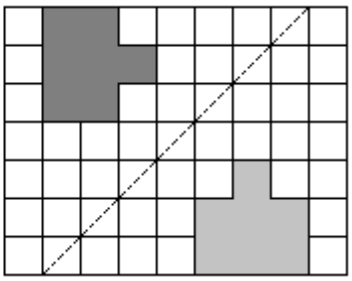
Answers

1. $44\ kg$
2. a) $160\ cm$ b) 8 c) Agree
3. a) $5n,\ \ 3n+3$ b) $6n+4$
4. a) 0.231 b) 0.28 c) 0.85
5.

a)



b)



6. 8 & 4
7. a)

$$\begin{array}{r} \mathbf{3}\ 1\ 4\ 2 \\ 1\ \mathbf{3}\ 2\ 6 \\ +\ 2\ 8\ \mathbf{1}\ 1 \\ \hline 7\ 2\ 7\ \mathbf{9} \\ \hline \end{array}$$

b)

1 5 4 x 7 = 1078

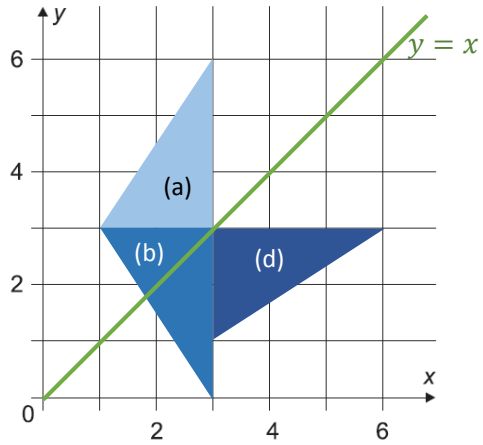
8. a) 1 hour 25 minutes b) 10 minutes
9. a) $44\frac{2}{3}$ b) 15 c) $(9-6)\times 2=6$, or $9-(6\div 2)=6$
10. a)

x	0	1	2	3
Y	1	3	5	7

b)

11. 216
12. a) true b) false c) true
13. a) £20 b) £3 c) Median

14.



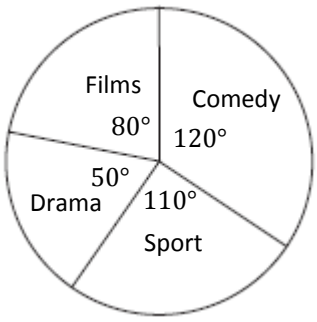
15. a) $n = \frac{2}{3}$ b) $n = 5$ c) $n = 2$

16. £40.50

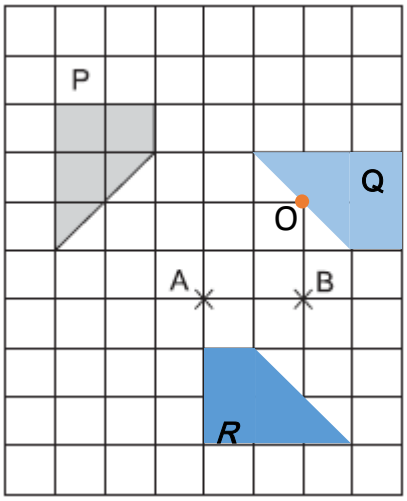
17. a) *example,*

$$(4n - 5) = (2n + 1)$$
$$4n - 2n = 1 + 5$$
$$2n = 6$$
$$n = 3$$

18.



19.



20.

	$5m + 3n$	
$3m + 3n$	$2m$	
$2m + 4n$	$m - n$	$m + n$