

EM 7C Assessment Test

Test 1

Answers

1. a) 5438

$$\begin{array}{r} 375 \\ \text{b) i) } +426 \\ \hline 801 \end{array} \quad \begin{array}{r} 636 \\ \text{ii) } -232 \\ \hline 384 \end{array}$$

2. a) i) $8n + m$ ii) $5a + 3b$

b) 62

3. 1, 7 13 19 25 31

4. a) £12.00 b) £27.00 c) $\frac{9}{10}$

5. *multiple answers*

6. a) $8cm^2$ b) $4cm^2$ c) $16cm^2$ d) Parallelogram

7. 5.25 (others available)

8. $x = 95^\circ$ $y = 124^\circ$

9. 3224 litres

10. a) $7cm^2$ b) $16cm$

11. a) 8 b) 6

12. $83 + 51$ or $81 + 53$

13. a) $48cm^2$ b) $36cm$

14. 11+49, 18+42, 20+40, 22+38

15. a) $\frac{1}{4}$ b) $\frac{2}{3}$ c) 80

16. a) 748 b) 181 c) 36 d) 4

17.

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|-----|-----|-----|-----|
| 632 | 633 | 634 | 635 |
| 622 | 623 | 624 | 625 |
| 612 | 613 | 614 | 615 |
| 602 | 603 | 604 | 605 |

18. a) 1 5 13 29 b) 2 7 17 37 77

19. a) $x + 12$ b) $3a + 9$ c) $3n + 10$

20. b) i) $\frac{2}{3}$ ii) $\frac{2}{3}$