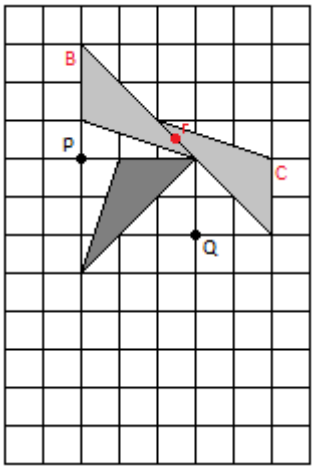
EM 8C Assessment Test
Year End

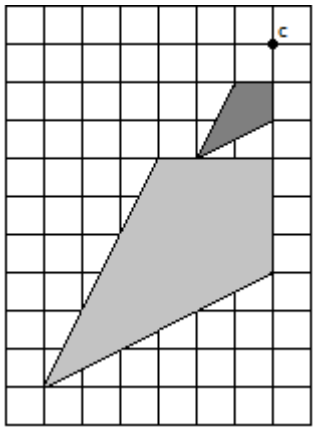
Answers

1. £48
2. $16\ km$
3. a) -2 b) -3 c) 7
4. 6,6,6,3,3 or 4,4,4,6,6
5. a) 15% b) 94.5 p/litre
6. a) 6 b) 12 c) $64\ cm^3$
7. a) $\frac{1}{8}$ b) $\frac{1}{2}$ c) $\frac{1}{4}$
8. a) 60.2 b) 1. 8875
9. $Steve = 023°,\ Maggie = 122°$
10. a) $\frac{3}{2}$ b) 8
11. a) 16 b) 61 c) $3n + 1$
12. b) In general as the Maths score increases so does the English score.
13. 177
14. $41° \pm 1°$
15. a) $\frac{7}{10}$ b) -4 c) $\frac{1}{10000}$
16. a), b) & c)

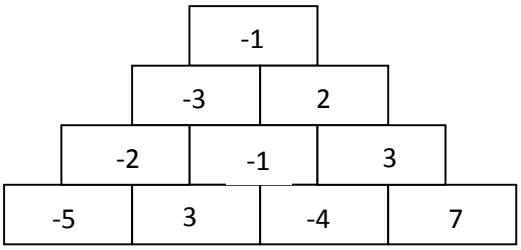


d) Rotation 180° about new point we have labelled ‘r’.

17. $6.16\ cm^2\ (2\ d.p)$
18.



19. a) $\frac{3}{11}$ b) $\frac{9}{13}$

20. $128\ cm^3$ b) C and I

21.