

Section A

Question	Full marks	Part marks
1 (a)	45 W1	only
(b)	7 W1	only
(c)	9 W1	only
2	two of: no (vertical) scale W2 one/last/2003 bar wider 1st gap should be smaller than the gaps profits don't shoot up, there's a steady rise	W1 each, maximum W2 acc clear equivalents
3 (a)	40 (km) W1	
(b)	1.5 (hrs) oe W2	W1 10:00 and 11:30 both soi (no contradictory extras) or 1.30, or 1:30 1,5 etc
(c)	80 (km/hr) W2	M1 $40 \div 0.5$ or equivalent
4 (a)	700 W1	
(b)	150 W1	
(c)	50 W1	
5 (a) (i)	$\frac{7}{10}$ W1	Accept any equivalent fraction
(a) (ii)	70 W1	W0 70/100
(b)	0.076, 0.176, 0.7, 0.706, 0.76 W2	W1 4 correct or fully reversed
6	2432 with working W3	M1 Complete attempt at long multiplication & W1 figs 1152 or 38 or 152 or 2432 seen or 4 correct rectangles (grid methods) or 1280 (correct), seen from 128×10 (note: W0 1280 only) or W1 answer only
7 (a)	52 W1	
	'opposite' or 'X' or 'cross' W1	without contradiction
(b)	64 W1	
	isosceles W1	
	'angles in a triangle' or 'triangle, 180' W1	without contradiction

Section B

Question	Full marks	Part marks
8 (a)	-4, -2 W1	
(b) (i)	C and D correctly plotted W1	both
(b) (ii)	32 (cm) W2	or ft their square M1 ft : clear evidence of addition of all dimensions of <i>their</i> rectilinear shape or if 0 scored in (b)(ii) SC1 square correct and 16
9	1.75 W3	M1 $9 \times 4(\cdot)25$ soi [= 38(\cdot)25] or 4-figure 2dp number correctly subtracted from 40 2×20 – their $9 \times 4(\cdot)25$ or M2 correctly subtracted figs 175 (0) or W1
10	13.9 W3	M2 Complete method One correct area: or W1 16.45, 2.55, 9.4, 4.5, 10.5, 3.4, 6
11 (a)	Triangle B correct W1	intention
(b)	Triangle C correct W1	SC1 if 0 scored in (a) and (b) both correct position & orientation but labels B, C incorrect
12	One correct improved trial W1	must be greater than [24, 30]
	One further improved trial W1	
	35 and 41 W1	both
13 (a)	32 W2	If 0 or 1 scored in total in (a) and (b), M1 in (a): 17 seen or $2 \times 8.5(0) + 15$ soi or in (b): 76.5(0) seen or $9 \times 8.5(0) + 15$ or figs 915 (0..)
(b)	91.5(0) W1	
(c)	$C = 15 + 8.5d$ W2	W1 accept equivalents $8.5d$ or $d8.5$ or $8.5 \times d$ seen or correct quantities, incorrect variables

Question	Full marks	Part marks
14 (a)	7 W1	
(b)	3.75 W3	M2 26 to 26.4 or figs 375 or M1 addition soi, implied by 25 to 35 & M1 division by 8 shown
(c)	$\frac{3}{8}$ W1	accept equivalents, correct forms only eg 0.375, 37.5%, 37%, 6/16