

Qu	Give one mark for each •	Illustrations for awarding mark
1a	ans : 22.75 • ¹ answer	1 mark • ¹ 22.75
b	ans : 84 • ¹ answer	1 mark • ¹ $(126 \div 3) \times 2 = 84$
c	ans: 0.73 • ¹ answer	1 mark • ¹ 0.73
2	ans : -19°C • ¹ answer	1 mark • ¹ $3 - 22 = -19^\circ\text{C}$
3	ans : 250 • ¹ finds missing % • ² knows to find % of total • ³ answer	3 marks • ¹ $100 - (25 + 10 + 15 + 30) = 20\%$ • ² 20% of 1250 • ³ 250
4	ans : 27 minutes • ¹ knows to divide by 8 • ² knows to multiply by 18 • ³ answer	3 marks • ¹ $12 \div 8$ • ² $12 \div 8 \times 18$ • ³ 27 minutes
5a	ans : points plotted • ¹ two points plotted correctly • ² third point plotted correctly	2 marks • ¹ see diagram • ² see diagram
b	ans: point plotted • ¹ point plotted to make rectangle	1 mark • ¹ see diagram
c	ans: (4, -4) • ¹ coordinates stated	1 mark • ¹ (4, -4)
6	ans : $a = 1$ • ¹ collects like terms • ² simplifies • ³ divides to find a	3 marks • ¹ $7a - a = 4 + 2$ • ² $6a = 6$ • ³ $a = 1$
7	ans : 10.8m^2 • ¹ calculates area of rectangle • ² finds height of triangle • ³ calculates area of triangle • ⁴ calculates total area	4 marks • ¹ $4 \times 2.2 = 8.8$ • ² 1 metre – may be substituted in formula • ³ $0.5 \times 4 \times 1 = 2$ • ⁴ 10.8m^2
8	ans : $\frac{1}{4}$ • ¹ states probability • ² simplifies	2 marks • ¹ $2/8 \dots\dots$ • ² $\dots\dots = 1/4$

Qu	Answer and Marks	Examples of Evidence
9a	ans : $24d - 20$ 2 marks <ul style="list-style-type: none"> •¹ multiplies brackets •² simplifies 	<ul style="list-style-type: none"> •¹ $9d - 20 + 15d$ •² $24d - 20$
b	ans : $4(x + 6y)$ 2 marks <ul style="list-style-type: none"> •¹ recognises common factor •² bracket correct 	<ul style="list-style-type: none"> •¹ 4..... •²($x + 6y$)
10	ans : $y < 4$ 2 marks <ul style="list-style-type: none"> •¹ collects like terms and simplify •² divide to find y 	<ul style="list-style-type: none"> •¹ $5y < 20$ •² $y < 4$
		Total 29 marks