

Qu	Give one mark for each •	Illustrations for awarding mark
1a	ans : 52grams 1 mark • ¹ answer	• ¹ 52 grams
b	ans : £24 1 mark • ¹ answer	• ¹ $(84 \div 7) \times 2 = 24$
c	ans : -13 1 mark • ¹ answer	• ¹ -13
2	ans : £1.75 2 marks • ¹ knows to divide by 3 • ² knows to multiply by 5	• ¹ $105 \div 3 = 35$ • ² $35 \times 5 = £1.75$
3	ans : 15 km 3 marks • ¹ uses correct formula • ² multiplies by 2½ hours • ³ answer	• ¹ $D = S \times T$ • ² 6×2.5 • ³ 15 km
4	ans : 22 3 marks • ¹ substitute values • ² evaluates first part correctly • ³ answer	• ¹ $3 \times 3^2 - 5$ • ² $27 - \dots$ • ³ 22
5a	ans : 80 blocks 3 marks • ¹ finds number of blocks along each side • ² knows to multiply • ³ answer	• ¹ 10, 4, 2 Alternative method • ² $10 \times 4 \times 2$ • ¹ finds volume of cube [10000cm^3] • ³ 80 • ² finds volume of cube [125cm^3] • ³ divides to answer [80 blocks]
b	ans: 25/80 or equivalent 1 mark • ¹ knows how to find probability	• ¹ 25/80 or equivalent
6	ans : £2375 3 marks • ¹ substitutes values • ² correct multiplication by 300 • ³ answer	• ¹ $125 + 7.5 \times 300$ • ² $125 + 2250$ • ³ £2375
7a	ans : 35, 74, 84 3 marks • ¹ identifies lowest mark • ² identifies median • ³ identifies upper quartile	• ¹ 35 • ² 74 • ³ 82
b	ans: comment 1 mark • ¹ compares 2 sets of data	• ¹ any acceptable comment

Qu	Give one mark for each •	Illustrations for awarding mark
8a	ans : reasonable line of best fit 1 mark • ¹ line drawn	• ¹ see diagram
b	ans: correct dot circled 1 mark • ¹ circles dot at (3,133)	• ¹ see diagram
c	ans: 143 cm approx 1 mark • ¹ interprets graph	• ¹ 143 cm approx - see candidates graph
9a	ans : Darius 1 mark • ¹ interprets tree diagram correctly	• ¹ Darius
b	ans: correct drawing 3 marks • ¹ body correct • ² head correct • ³ correct number of legs	• ¹ triangular body • ² round head • ³ 4 legs
10	ans : south west 1 mark • ¹ identifies direction	• ¹ south west
		Total 30 marks