

Q1. (2019)

11	Any two of these criticisms Letters are used instead of words Gaps are different Bar heights do not add up to 30	B2	B1 for any one correct criticism ignore non-contradictory statements
	Additional Guidance		
	There's no key		B1
	It's not clear what C stands for / what type of vehicle it is		B1
	She's only used first letters		B1
	Labels are wrong (insufficient – needs to specify which labels)		B0
	The bars aren't evenly / equally spaced or are spread unevenly		B1
	The Van bar is too far away from the Car bar		B1
	The second gap is smaller		B1
	The Van bar is out of place		B1 bod
	The x-axis is not evenly spread / spaced		B1
	The positioning of the bars is wrong		B1
	The bars should be 1 cm apart		B0
	Not distributed evenly		B0
	There are only 28 vehicles		B1
	$14 + 4 + 10 = 28$ (not 30)		B1
	It doesn't / they don't add up to 30		B1
	She is 2 vehicles short		B1
	She hasn't drawn all 30 cars on the chart		B0
	14 should be 16		B0
	Number of vehicles should go up to 30 not 14		B0
	Number of vehicles is wrong (doesn't mention 30 or 28 or 2)		B0
	$14 + 4 + 10 = 26$ not 30 (error seen)		B0
11 cont	Three criticisms, two correct and one non-contradictory		B2
	Three criticisms, two correct and one incorrect		B1
	Non-contradictory statements can be ignored eg The chart is too small and the vehicles don't add up to 30		B1
	The title is incorrect		B0
	The y-axis isn't tall enough		B0
	She doesn't give a time-frame / She should record colours		B0
	Both criticisms may be seen in one sentence eg The bars don't add up to 30 and are spread unevenly		B2

Q2. (2020)

(A)

Q	Answer	Mark	Comments
23(a)	Plots at least 3 points correctly	M1	$\pm \frac{1}{2}$ square
	All four points correctly plotted and joined	A1	$\pm \frac{1}{2}$ square ignore working for part (b)
	Additional Guidance		
	$\pm \frac{1}{2}$ square means half a small square horizontally and vertically		
	If a point is within tolerance the line must be within $\pm \frac{1}{2}$ square of their point		
	Mark intention for joining point to point		

(B)

Q	Answer	Mark	Comments
23(b)	[70, 78]	B1	
	Additional Guidance		
	Answer in range with or without working, with no graph or incorrect graph		B1
	70.5 – 75 on answer line (both values in range)		B1

Q3. (2024)

(A)

Q	Answer	Mark	Comments
5(a)	5 × 20 or 100 or 2 × 20 or 40 or 5 – 2 or 3 or 5 × 4 or 20 and 2 × 4 or 8 and 20 – 8 or 12	M1	oe eg 20 + 20 + 20 eg 20 + 20 + 20 + 20 + 20 may be by the diagram
	60	A1	
	Additional Guidance		
	Answer 60b BOD 60 bottles		M1A1
	Further work eg 60 + 30 = 90		M1A0

(B)

Q	Answer	Mark	Comments
5(b)	Alternative method 1		
	$6\frac{1}{4} \times 20$ or 125	M1	oe eg $6 \times 20 + \frac{1}{4} \times 20$ or $120 + 5$ may be by the diagram
	their $125 \times 17.5(0)$	M1	oe
	2187.5(0)	A1	
	Alternative method 2		
	$6\frac{1}{4} \times 17.5(0)$ or 109.375 or 109.37 or 109.38	M1	oe eg $6 \times 17.5(0) + \frac{1}{4} \times 17.5(0)$ or $105 + 4.375$
	their 109.375×20	M1	oe
	2187.5(0)	A1	
	Alternative method 3		
	$20 \times 17.5(0)$ or 350	M1	oe
	their $350 \times 6\frac{1}{4}$	M1	oe eg their $350 \times 6 + \frac{1}{4} \times$ their 350 or $2100 + 87.5(0)$
	2187.5(0)	A1	
	Additional Guidance		
	2187.50p		M1M1A1
	Alt 1 $6 \times 20 = 120$ $120 \times 17.5(0)$		M0 M1A0
	Alt 2 $6 \times 17.5(0) = 105$ 105×20		M0 M1A0