

Q1. (2020)

Q	Answer	Mark	Comments
8(c)	Valid criticism	B1	eg the scale on the vertical axis is incorrect eg 2500 is missing
	Additional Guidance		
	<p>Middle bar should be taller / is too short Students bar is wrong Number of people hasn't been plotted correctly</p> <p>3000 should be 2500 They missed out (or didn't label) 2500 3000 is wrong 3000 is too big a gap (implies 1000 people instead of 500) 3000 is too small a gap (implies 500 space for 1000) Arrow/circle on diagram showing the jump from 2000 to 3000 but no words From 2000 to 3000 it went up in 200 (refers to little squares) 3000 should be at the top/end (of the grid)</p> <p>Changes scale Scale is wrong Numbers on the side are incorrect Lacks consistency on the way up Number of people does not go up in equal amounts Uneven/unequal number of people Should go up in 500s It goes up by 1000 Was going up by 500 then went up by 1000 Starts going up in hundreds then goes up in 200s</p>	B1	
	<p>The gap is too big Space between bars Spaces too big between numbers Numbers on the y axis are not in order (they are numerically in order) There is a gap/space on the (vertical) axis Should go up in even numbers (they are going up in even numbers) Starts (going up) in hundreds then goes up in thousands</p>	B0	

Q2. (2023)

Q	Answer	Mark	Comments
13	Alternative method 1 – using the given scale		
	(O) $20 \div 5$ or (A) $8 \div 2$ or 4 or (O) $5 \div 20$ or (A) $2 \div 8$ or $\frac{1}{4}$	M1	oe
	their 4×3 or $3 \div \text{their } \frac{1}{4}$ or their $4 \times \text{their } (5 + 3 + 2) - 20 - 8$ or 12	M1dep	20 – 8 implies M2 may be on diagram
	Correct width bar, in the correct position, drawn to height of 12	A1	mark intention, ignore any shading
	Alternative method 2 – using squares		
	(O) $10 \div 5$ or (A) $4 \div 2$ or 2 (squares)	M1	
	their 2×3 or 6 (squares)	M1dep	10 – 4 implies M2 may be on diagram
	Correct width bar, in the correct position, drawn to height of 12	A1	mark intention, ignore any shading
	Additional Guidance		
	(20 + 8) $\div$ (5 + 2) (10 + 4) $\div$ (5 + 2)	M1 M1	