

1	(a)	10, 25, 50, 80, 85, 100	B1	cao	If histograms drawn, plots must be identified. Accept a smooth curve or line segments. Ignore to the left of the first point and right of the last point. If answer is in the range award the marks unless from obvious incorrect working
	(b)	Graph drawn	M1	for 5 or 6 of their points plotted correctly from a cf table with no more than one error	
			A1	for a fully correct graph	
			SC B1	for 5 or 6 cf values plotted at correct heights not at end but consistently within each interval and joined provided no gradient is negative	
	(c)	35 to 39	B1	for answer in the range 35 to 39 or ft their graph (if possible)	
	(d)	85 to 93	M1	for finding the difference between readings taken from the profit axis at points from a cf of 25 and a cf of 75 ft their graph (if possible)	
			A1	for answer in the range 85 to 93 or ft their graph (if possible)	
2	Box plot		B3	for fully correct box plot	Box can be of any height. Accept ends that are marked (eg line, cross, dot) or defined by the end of the whiskers if clear May be implied by one of these correct on the box plot
			(B2)	for box plot showing a box and at least 3 correctly plotted values from 24, 42, 54, 64, 96)	
			(B1)	for correctly identifying one of the LQ (42) Median (54) or UQ (64) from the CF graph)	
3	Statements		C1	Makes reference to the fact that the label on the horizontal axis is missing	
			C1	Makes reference to the fact that the graph has not been plotted at the top end of the class intervals, eg has plotted at midpoints	
4	(a)	Graph drawn through (30, 20), (40, 48), (50, 64), (60, 75), (70, 80)	M1	for 4 or 5 points plotted correctly from the cumulative frequency table	Ignore to the left of the first point and right of the last point If histograms drawn, points must be identified Accept a smooth curve or line segments
			A1	for a fully correct graph SCB1 if 4 or 5 points plotted not at end but consistent within each interval and joined by a curve or line segments providing no gradient is negative	
	(b)	36 to 38	B1	for answer in range 36 to 38 or ft their cf graph	