

9	(a)	Box plot	B3	for a fully correct box plot	<p>Box can be any height. Accept ends that are marked (eg line, cross, dot) or defined by the ends of the whiskers if clear</p> <p>For LQ accept value in range 24 to 26</p> <p>May be implied by one of these values being correctly plotted</p>
			(B2	for a box drawn and at least three correctly plotted values from 8, 25, 34, 42, 74)	
			(B1	for correctly identifying one of LQ (25), Median (34), UQ (42) from the cf graph)	
	(b)	Yes with supporting evidence	M1	for $30 \div 100 \times 60 (= 18)$	
			M1	for reading from the graph at cf = 60 – “18” (= 40)	
			C1	for correct decision and correct figures	
			M1	Alternative for reading from the graph at mark = 40 (= 42)	
			M1	for $(60 - “42”) \div 60 \times 100 (= 30)$ or for $60 - “42” (= 18)$ and $30 \div 100 \times 60 (= 18)$	
			C1	for correct decision and correct figures	