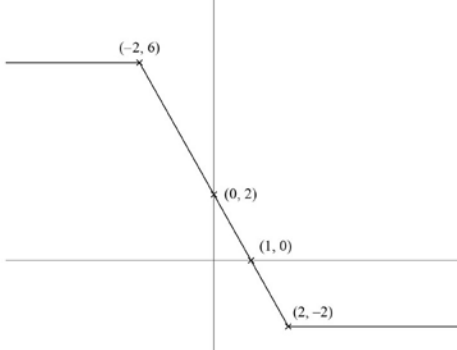
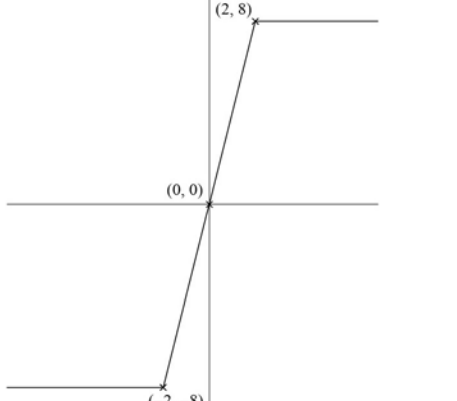
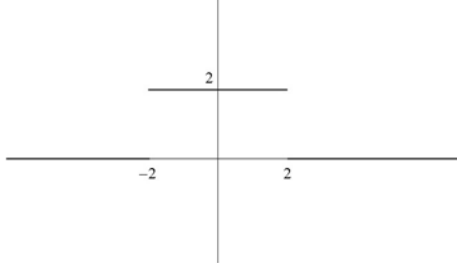


Q	Marking instructions	AO	Marks	Typical solution
6(a)	Sketches correct shape with graph reflected in the y -axis	1.1a	M1	
	Labels all four points correctly Condone omission of (0, 2)	1.1b	A1	
6(b)	Calculates or labels at least two points of (2, 8), (0, 0), (-1, -4) or (-2, -8) correctly	3.1a	M1	
	Sketches correct graph and labels all four points correctly Condone omission of (0,0) or (-1, -4) or both	1.1b	A1	
6(c)	Calculates or obtains gradient 2 for between $x = -2$ and $x = 2$ PI by line $y = 2$ or calculates or obtains gradient 0 when $x < -2$ or when $x > 2$ PI by explaining gradient when $x < -2$ or $x > 2$ is zero or by drawing visible solid horizontal lines on the x axis	1.1b	B1	
	Draws a horizontal line on the positive y -axis between $x = -2$ and $x = 2$ without extension Ignore any other lines if drawn	1.1a	M1	

Draws **correct two solid horizontal lines** on the x -axis up to $(-2, 0)$ and from $(2, 0)$ **and their horizontal line** $y = 2$ between $x = -2$ and $x = 2$

Accept explanation that gradient for $x < -2$ and $x > 2$ is zero if no solid horizontal lines are drawn on the x -axis

Do not accept solid vertical lines at $x = -2$ or $x = 2$

Follow through their value of positive gradient

1.1b

A1F

Total

7