

1	(a)		$(-2, 1)$ $(-4, 1)$ $(-2, 2)$ $(-5, 2)$	B1	Shape labelled A
	(b)		$(1, -4)$ $(3, -4)$ $(1, -5)$ $(4, -5)$	B1	Shape labelled B

2			Reflection in the x -axis (or $y = 0$)	B1 B1	for reflection for x -axis (or $y = 0$) NB: award no marks if more than one transformation is given
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3		Correct description	B2 (B1)	reflection and y axis or reflection and $x = 0$ reflection or y axis or $x = 0$	If more than 1 transformation given award B0
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4	Shape drawn	B2 (B1)	for shape with vertices at $(4, -3)$, $(5, -4)$, $(5, -5)$, $(4, -5)$ for rotation of 180° about wrong centre	Shape does not have to be shaded. Allow some tolerance on vertices as long as they are nearest to the desired points. This is shown by the orientation of the shape.
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5	enlargement	B2 (B1)	for correct enlargement for any two sides correct or a correct enlargement with scale factor other than 3 or 1)	Any orientation
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6	Correct reflection	B2 (B1)	correct triangle drawn with vertices $(1, 2)$ $(2, 2)$ $(1, -1)$ for a correct reflection in the line $y = a$ or a correct reflection in the line $x = 3$, or triangle in correct orientation with 2 of 3 vertices correct)	
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7	Reflection	M1 A1	for a correct reflection of the shape in any line or a correct reflection of at least 3 vertices cao	Allow hand-drawn
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8	Rotation 180° about $(-1, 0)$	C2 (C1)	rotation 180° about $(-1, 0)$ or enlargement sf -1 centre $(-1, 0)$ rotation 180° or rotation about $(-1, 0)$ OR enlargement sf -1 or enlargement centre $(-1, 0)$	Award no marks if more than one transformation is given
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9	Reflection	M1 A1	for a correct reflection of the shape in any horizontal line other than the given mirror line for a fully correct reflection	Allow free hand drawing
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