

Rotations

June 2024 Paper 3

Question	Answer	Mark	Mark scheme	Additional guidance
18 (a)	Rotation drawn	B2	<p>correct shape drawn at $(-4, -2), (-2, -2), (-1, -4), (-5, -4)$</p> <p>(B1 for rotation of the shape by 180° about any centre or for any 3 out of 4 vertices correct)</p>	
(b)	Explanation	C1	<p>for explanation of why answer is wrong</p> <p>Acceptable examples he has reflected (in the line) $y = 3$ / he has used $y = 3$ he reflected shape A with equation $y = 3$ $x = 3$ is supposed to be vertical $x = 3$ means the line of reflection should go through 3 on the x-axis it should be on the right of A, not beneath it correct reflection in line $x = 3$ shown on diagram with supporting comment eg it should be here</p> <p>Not acceptable examples he has not reflected the shape (in the line $x = 3$) he has reflected in the wrong line / the reflection line isn't on $x = 3$ because the shape is the wrong way he drew it wrong he has used the y-axis instead of the x-axis</p>	

November 2022 Paper 3

Question	Answer	Mark	Mark scheme	Additional guidance
18	Rotation drawn	B2 (B1)	correct shape drawn at (2,-1), (2,-4), (4,-2), (4,-1) for a correct shape drawn clockwise 90° about (0,0) or a shape drawn in the correct quadrant with the correct orientation or a shape with at least 3 vertices correct	