

Reflections

June 2022 Paper 1

Question	Answer	Mark	Mark scheme	Additional guidance
3	Reflection shown	B1	cao	

November 2024 Paper 1

Question	Answer	Mark	Mark scheme	Additional guidance
10 (a)	reflection	B2 (B1	for a fully correct reflection for a correct reflection in any single mirror line or for at least two correct reflected lines)	
(b)	$y = 1$	B1	$y = 1$ oe	

November 2022 Paper 1

Question		Answer	Mark	Mark scheme	Additional guidance
11	(a)(i)	2	B1	for 2	Accept $2\times$ or $\times 2$ oe
	(ii)	cross placed	B1	for cross correctly placed or indicated by intersection of construction lines	
	(b)(i)	line drawn	B1	for line $y = x$ drawn	Accept line of any length, dotted or dashed and/or drawn freehand
	(ii)	$y = x$	B1	for $y = x$ oe, eg. $x = y$ or $y - x = 0$ or $x - y = 0$ or ft their line drawn in (b)(i)	Accept labelled on the diagram

November 2021 Paper 2

Question	Answer	Mark	Mark scheme	Additional guidance
11	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

June 2020 Paper 1

Question	Answer	Mark	Mark scheme	Additional guidance
11	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

June 2023 Paper 2

Question	Answer	Mark	Mark scheme	Additional guidance
12 (a)	Line drawn	B1	for correct line shown on diagram, provided unambiguous	
12 (b)	Explanation	C1	<p>for explanation, eg he has reflected in the y-axis (not the x-axis)</p> <p>Acceptable examples Alex didn't reflect in/on the x-axis She/he drew it on the y-axis or he didn't draw it on the x-axis It should be in the bottom right box Used a mirror on the y-axis (not x-axis) It needs to be reflected down not across Vertical (reflection) instead of horizontal (reflection) Drawn in the correct position on grid and statement "it should be here"</p> <p>Not acceptable examples the reflection is facing the wrong way It's in the wrong box or it should be on the bottom She/he has flipped it wrong It needs to go down not across She/he (should have) used a mirror There is no label or label in the wrong place Alex reflected the shape</p>	

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>	