

Describing Transformations

June 2023 Paper 3

Question	Answer	Mark	Mark scheme	Additional guidance
16	Rotation of 90° , centre (0,0)	B2 (B1)	Rotation of 90 about (0,0) or Rotation of 270, clockwise about centre (0,0) Rotation and 90 or Rotation and 270, clockwise or Rotation about (0,0)	Accept “origin” or “O” for (0,0)

November 2021 Paper 3

Question	Answer	Mark	Mark scheme	Additional guidance
16	Enlargement centre (1,1) scale factor 4	B2 (B1)	Enlargement, centre (1,1) and scale factor 4 two of Enlargement, centre (1,1), scale factor 4 with nothing incorrect)	No extras. Accept A as centre. If there is a clear reference to a different transformation award no marks

November 2024 Paper 2

Question	Answer	Mark	Mark scheme	Additional guidance
18	enlargement, scale factor 2, centre (0, 0)	B2 (B1	enlargement, scale factor 2, centre (0, 0) for 2 correct aspects)	Award no marks if more than one transformation is given

November 2023 Paper 2

Question	Answer	Mark	Mark scheme	Additional guidance
21	Reflection $y = -x$	B1 B1	for reflection for line $y = -x$ oe	Score B0 for more than one transformation

June 2022 Paper 2

Question	Answer	Mark	Mark scheme	Additional guidance
22	translation $\begin{pmatrix} -5 \\ 6 \end{pmatrix}$	B1 B1	for translation for vector $\begin{pmatrix} -5 \\ 6 \end{pmatrix}$	Award no marks if more than one transformation is given Do not accept as a coordinate $(-5, 6)$