



Transformations

2013

12 The square $ABCD$ is positioned so that its vertices are at the points with coordinates:

$(1, 1)$, $(-1, 1)$, $(-1, -1)$ and $(1, -1)$.

The square is rotated clockwise through 90° about the origin and then reflected in the line $y = x$.

Which transformation will return the square to its original orientation?

- A** A reflection in the x -axis.
- B** A reflection in the y -axis.
- C** A reflection in the line $y = -x$.
- D** A rotation of 90° clockwise about the origin.
- E** A rotation of 90° anticlockwise about the origin.