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.

2013