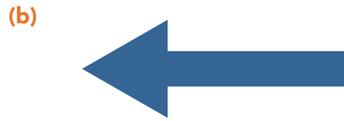
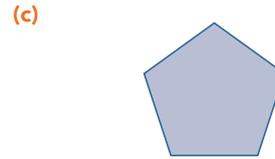
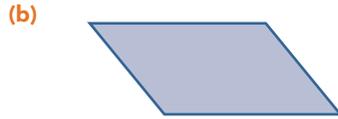
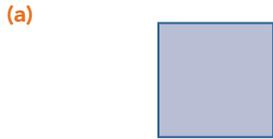


Exercise 33.6

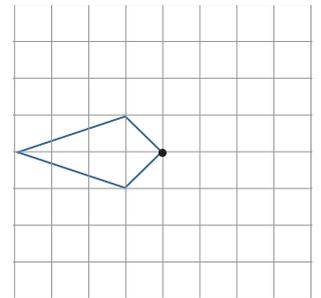
33.1 State whether each of the following designs has rotational symmetry:



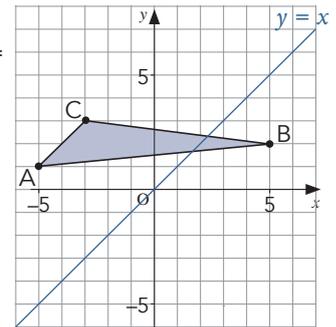
33.2 State the order (2, 3, 4, etc.) of rotational symmetry for each of the following shapes:



33.3 Copy and complete the shape on the right so that it has rotational symmetry of order 4 about the point of rotation:



33.4 For the shape on the right: (i) copy the diagram, (ii) reflect the image in the line $y = x$ and (iii) write down the coordinates of all vertices of the shape and its image.



33.5 For the shape on the right: (i) copy the diagram, (ii) translate the shape four units to the right and six units down and (iii) write down the coordinates of all vertices of the shape and its image.

