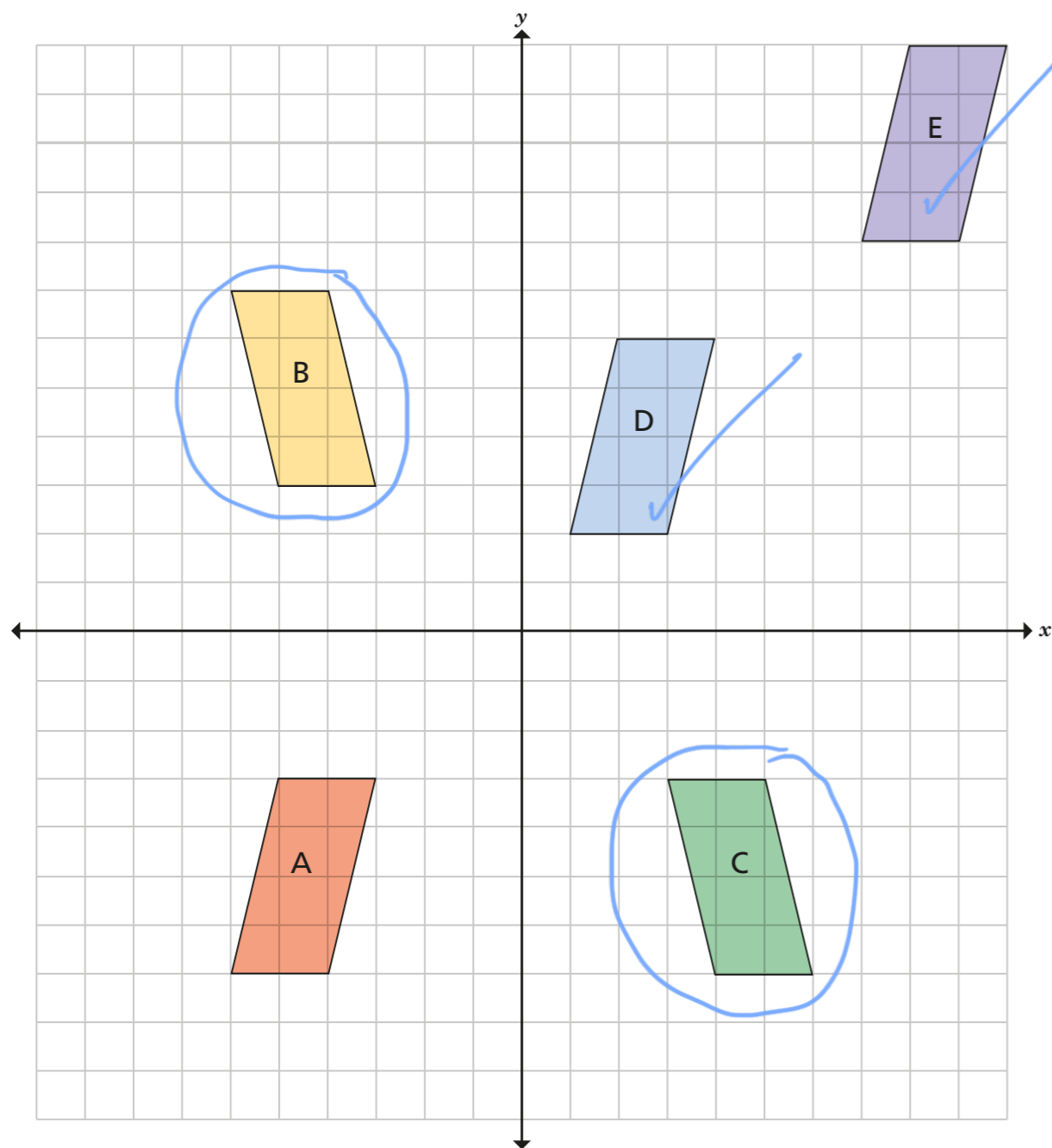
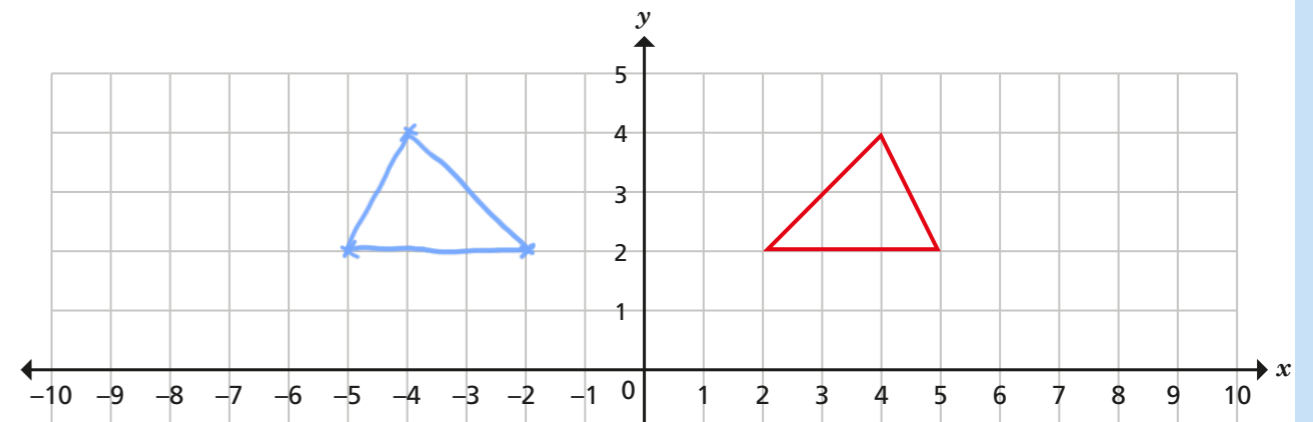


1 Five parallelograms are shown on the coordinate grid.

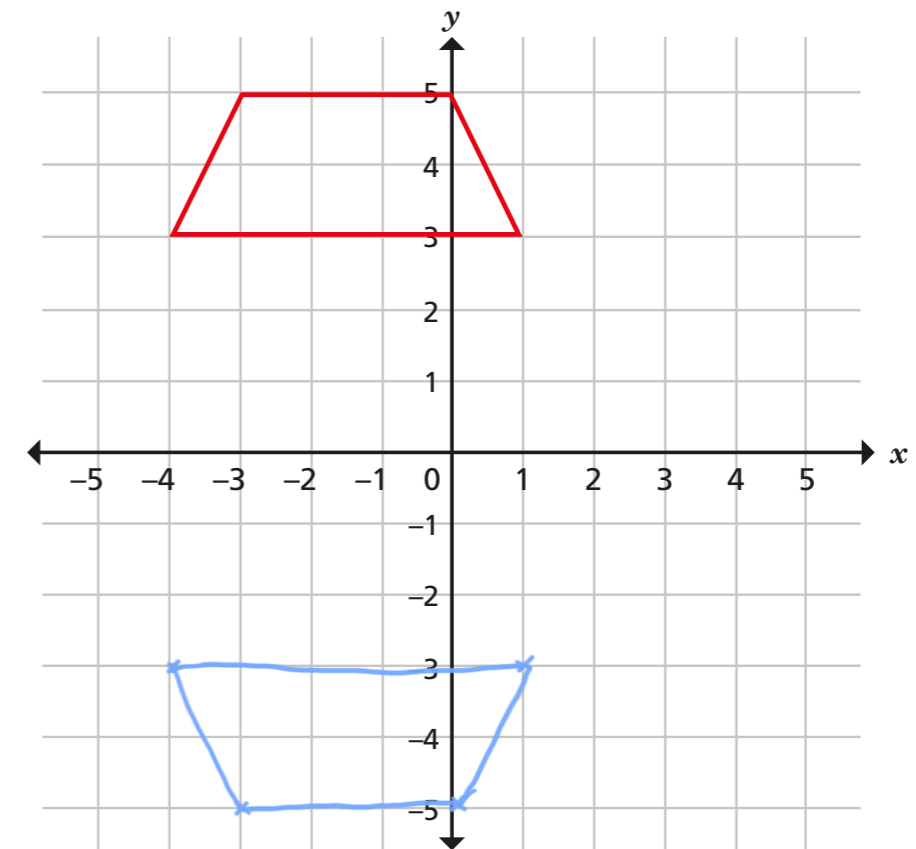


- Tick the shapes that are translations of shape A.
- Circle the shapes that are reflections of shape A.

2 Reflect the triangle in the y -axis.



3

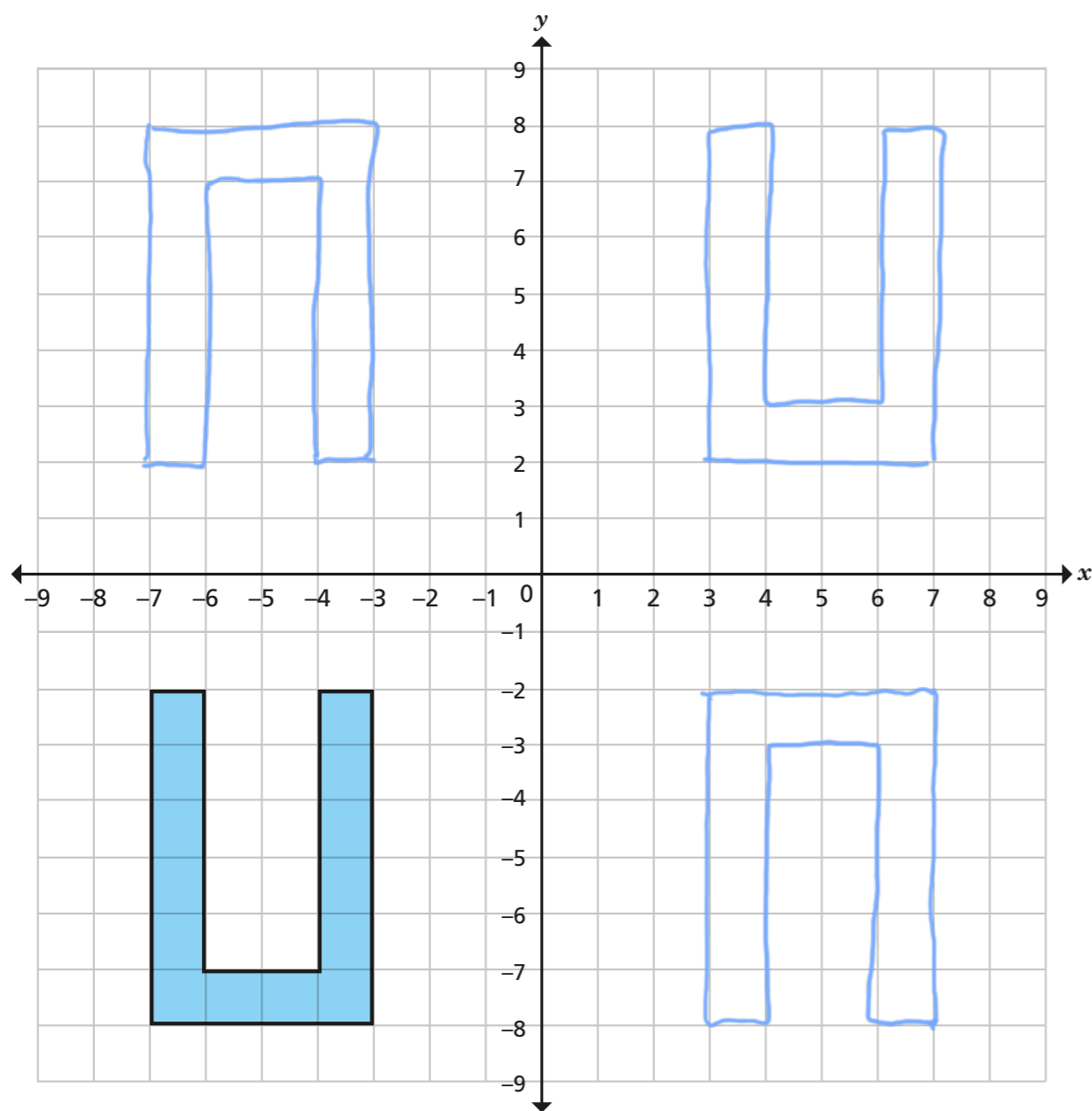


a) What is the name of the shape plotted on the grid?

Trapezium

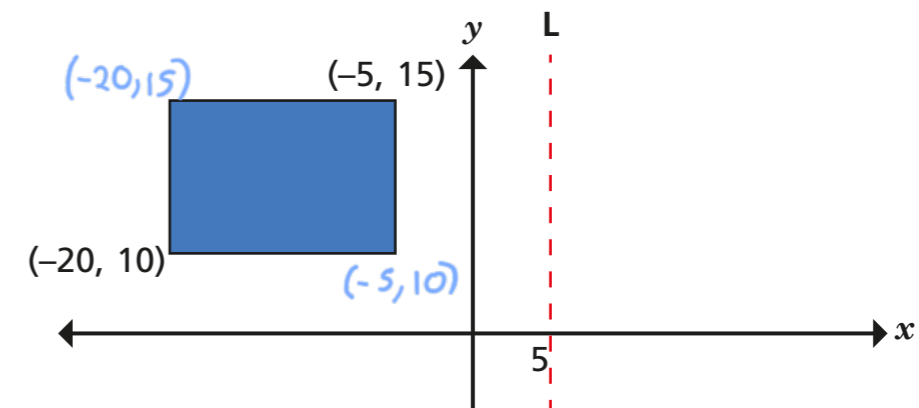
b) Reflect the shape in the x -axis.

- 4 An octagon is shown on the coordinate grid.



- Reflect the shape in the x -axis.
- Translate the new shape 10 right and 10 down.
- Reflect the new shape in the x -axis.
- What do you notice?
- Create a similar question for your partner to complete.

- 5 The shape is reflected in the line marked L.



Work out the coordinates of the new vertices.

The new vertices are at

(15 , 10) (15 , 15) (30 , 10) (30 , 15)

- 6 The isosceles triangle has been reflected in the line marked L.

Work out the missing values.

