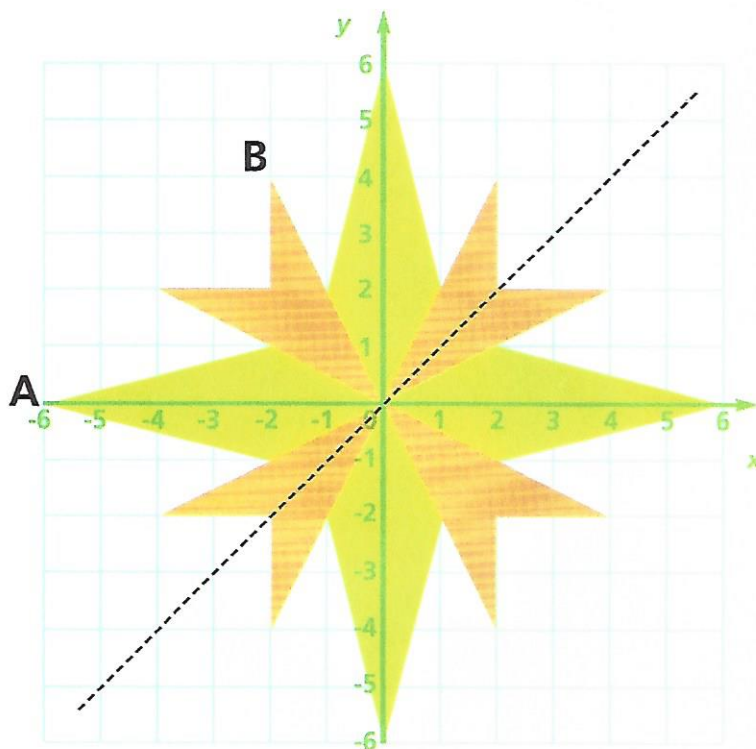


Claire made a pattern out of green plastic and put it on a coordinate grid. Ben made a pattern out of yellow plastic and stuck it on top of Claire's grid. Claire rotated the whole yellow and green shape by 90° clockwise about $(0, 0)$.

Ben put the shape back into its start position. Then he rotated it by 180° clockwise about $(0, 0)$.

Finally, Claire folded the shape along the dashed line.

'Let's make another shape!' said Ben.



Reflections on rotations

Comprehension questions

- After Claire's rotation, what was the position of A?
 - $(0, 6)$
 - $(6, 0)$
 - $(0, -6)$
- After Claire's rotation, what was the position of B?
 - $(2, 4)$
 - $(2, 2)$
 - $(4, 2)$
- After Ben's rotation, what was the position of A?
 - $(0, 6)$
 - $(6, 0)$
 - $(0, -6)$
- After Ben's rotation, what was the position of B?
 - $(4, -2)$
 - $(2, -2)$
 - $(2, -4)$
- After Claire's reflection, what was the position of A?
 - $(0, 6)$
 - $(6, 0)$
 - $(0, -6)$
- After Claire's reflection, what was the position of B?
 - $(4, -2)$
 - $(2, -2)$
 - $(2, -4)$