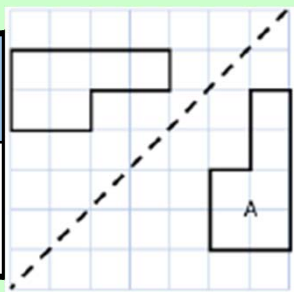


# Year 9 Mathematics Learning Journey: Unit 11 - Line Symmetry and Reflection

Step 5: Reflect in a diagonal line (2)

What is wrong with this reflection? Correct it.

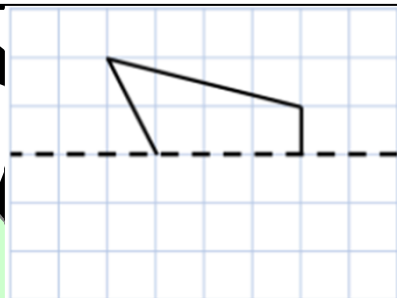


Step 4: Reflect in a diagonal line (1)

Why does it help to rotate your exercise book when reflecting in diagonal lines?

Step 2: Reflect vertically / horizontally (1)

Reflect the shape in the given line and name the resulting shape.

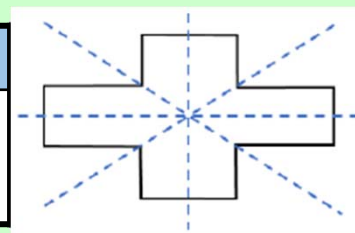


Step 3: Reflect vertically / horizontally (2)

How do we know whether the equation of a line parallel to an axis is of the form  $x = \dots$  or  $y = \dots$

Step 1: Recognise line symmetry

Dexter has drawn 4 lines of symmetry on the shape. Do you agree with Dexter's choices? Why or why not?



Achievement



resilience



Community



PERSEVERANCE

Pride



COLLEGE