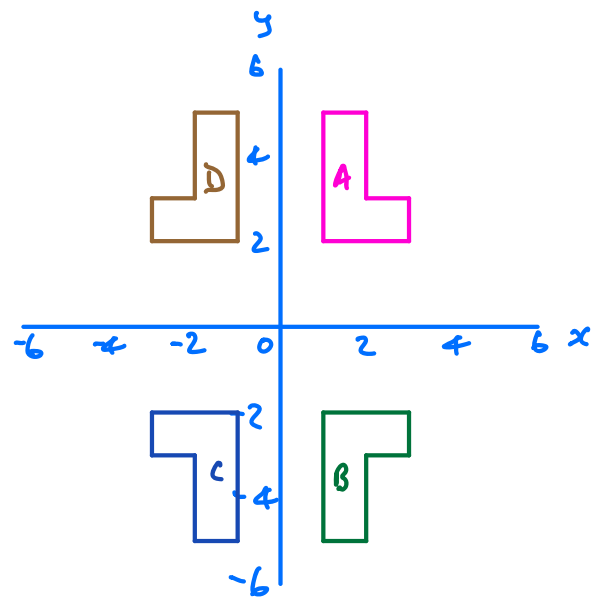


Reflections

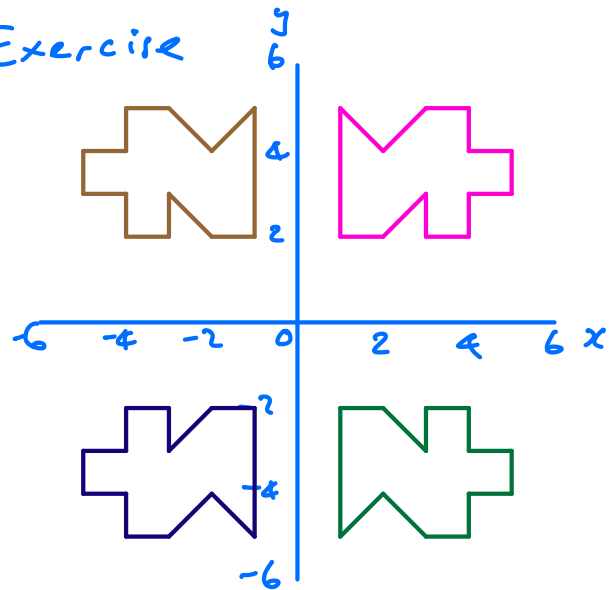


Reflect A in x -axis to give B

Reflect B in y -axis to give C

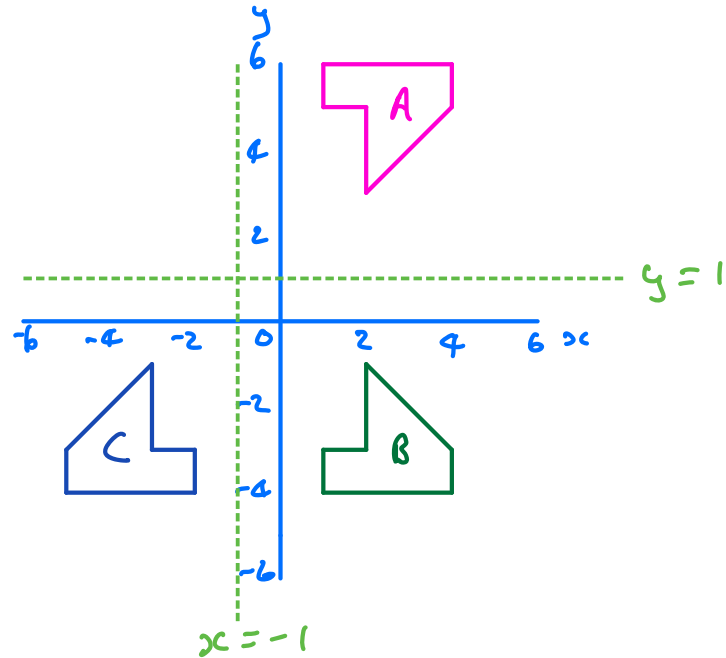
Either reflect C in x -axis or reflect A in y -axis to give D

Exercise

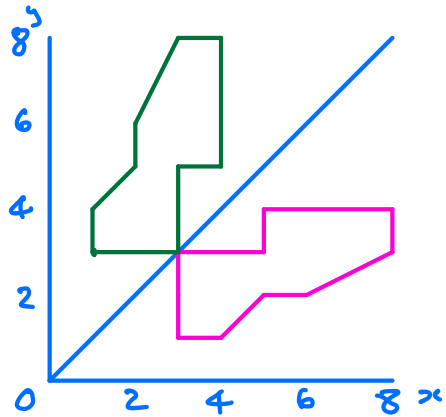


Reflect A in line $y = 1$ to give B

Reflect B in line $x = -1$ to give C



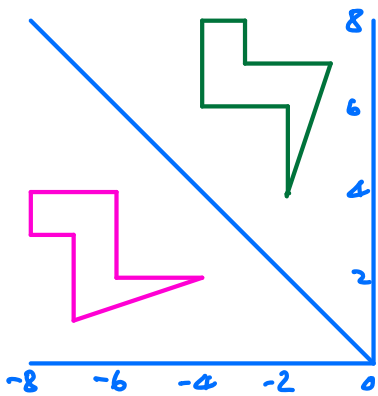
Reflection in Line $y = x$



$$(x, y) \rightarrow (y, x)$$

horizontal \rightarrow vertical
 vertical \rightarrow horizontal
 leave sloping lines until last

Reflection in Line $y = -x$



$$(x, y) \rightarrow (-y, -x)$$

horizontal \rightarrow vertical
 vertical \rightarrow horizontal

Exercise Reflect in line $y = x$

