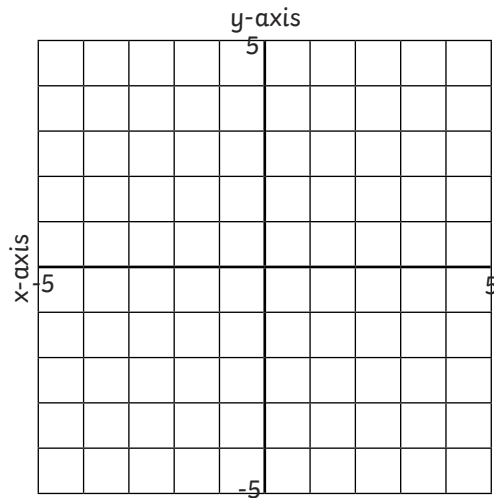


# Drawing Coordinate Shapes Extra Challenge

I can plot coordinates to draw shapes using all four quadrants.



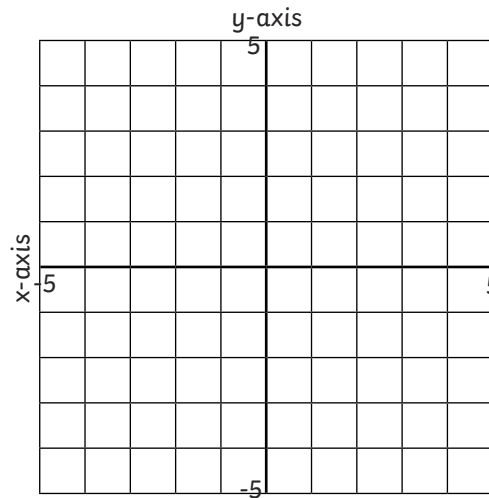
Use your reasoning skills to draw these 2D shapes:



**One corner of an isosceles triangle is positioned at  $(-3, -2)$ .**

What could the coordinate positions of the other two corners be?

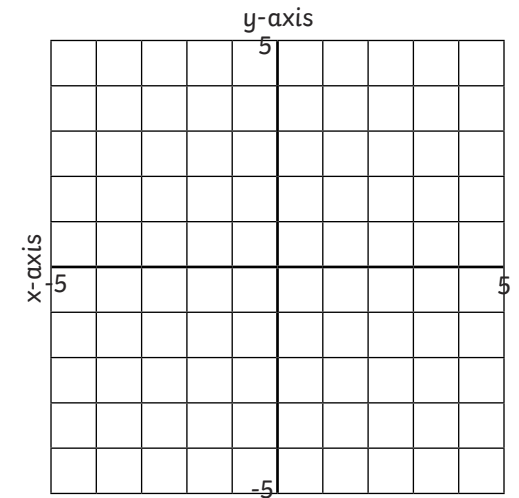
Draw the shape on the coordinate grid and explain your reasoning.



**Two corners of a parallelogram are positioned at  $(1, 3)$  and  $(0, 4)$ .**

What could the coordinate positions of the other two corners be?

Draw the shape on the coordinate grid and explain your reasoning.



**Two corners of an isosceles trapezium are positioned at  $(-2, 2)$  and  $(2, 4)$ .**

What could the coordinate positions of the other two corners be?

Draw the shape on the coordinate grid and explain your reasoning.