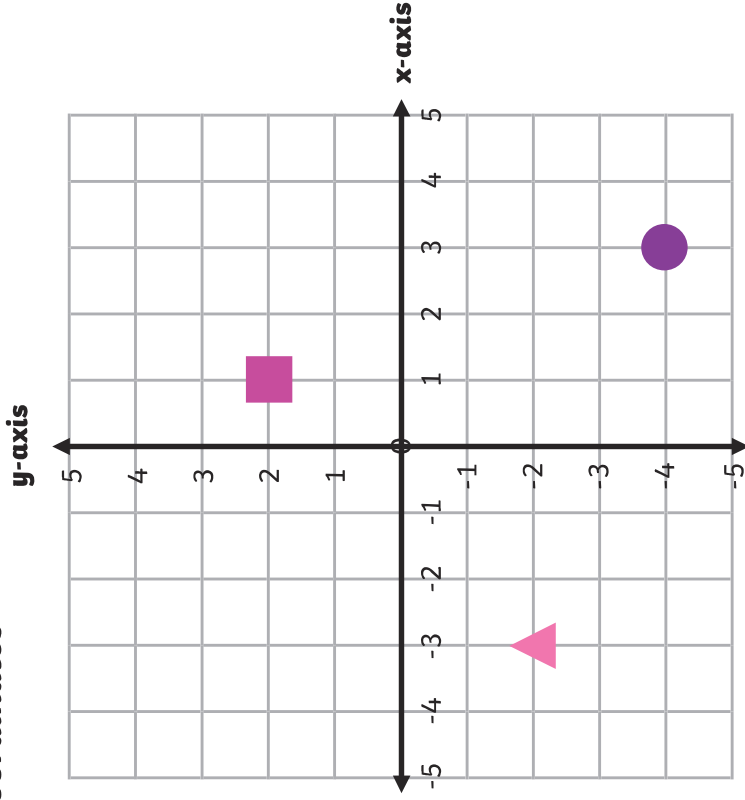


Year 6 Position and Direction

Coordinates



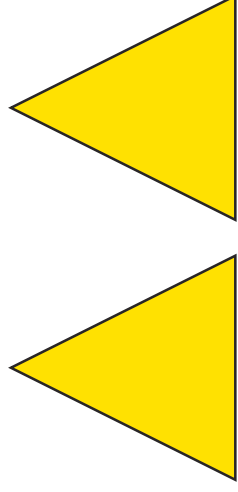
● = (3, -4) ■ = (1, 2) ▲ = (-3, -2)

Coordinates can use positive and negative numbers. Whether positive or negative, always write the x-axis coordinate followed by the y coordinate.

Look at the circle point. It is 3 squares along and 4 down. We write this coordinate as (3, -4).

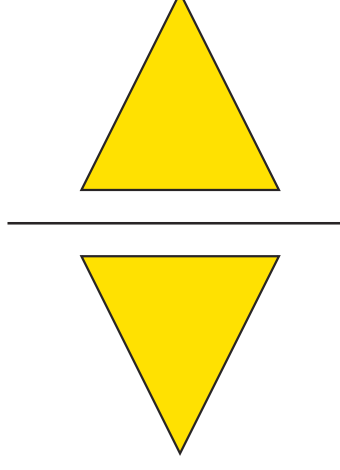
Translate

A shape is moved without rotating or resizing.



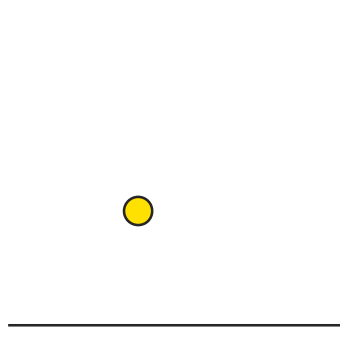
Reflect

A shape is reflected about a line when it is flipped over the mirror line. The shape's size stays the same.



Point

A point has no size, only an exact location.



Vertex/Vertices

A vertex is the corner of a shape. Vertices is more than one vertex.

