## Maths - Year 6

## Geometry 3: Transformations in the four quadrants



## Mathematical Methods

- Introducing coordinates in four quadrants.

- Using coordinates in four quadrants.

```
go to (-7,1)
pen down
go to (-7,4)(-7,2)(-6,3)(-5,2)(-5,1)
pen up
```



- Transformations in four quadrants-translation.

- Transformations in four quadrants-reflection in the axes.



## Can you..?

- Can you plot and connect these coordinates? $(-5,2)(-2,4),(-5,8),(-7,6),(-5,2)$.

Now can you translate the coordinates to $(x+9, y-9)$ ?

- Can you plot an oblong in the third quadrant and then reflect its points in the $x$-axis?



