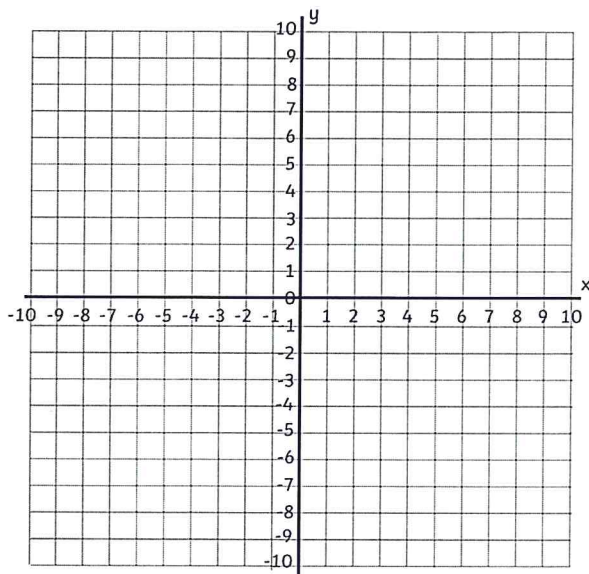


2D Shape Translations

Plot the following co-ordinates and follow the translations to reveal a new shape.

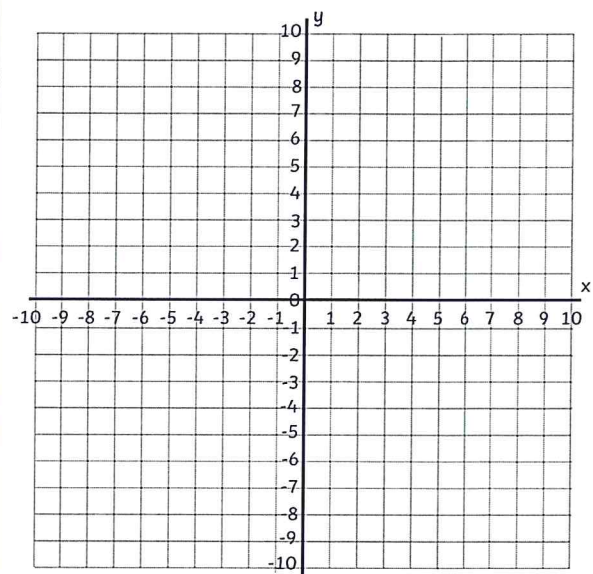
Plot these co-ordinates to reveal a shape: $(-8,-5)$, $(-4,-5)$, $(-4,-3)$, $(-6,-3)$, $(-6,3)$, $(-8,3)$



Translate the shape right 3, down 2.

What are the co-ordinates of the new shape?

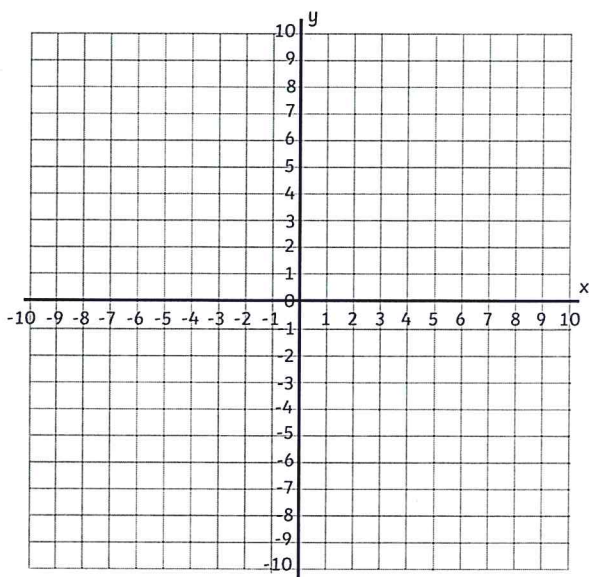
Plot these co-ordinates to reveal a shape: $(-2,-6)$, $(-5,-2)$, $(-8,-6)$, $(-5,-10)$



Translate the shape right 6, up 9.

What are the co-ordinates of the new shape?

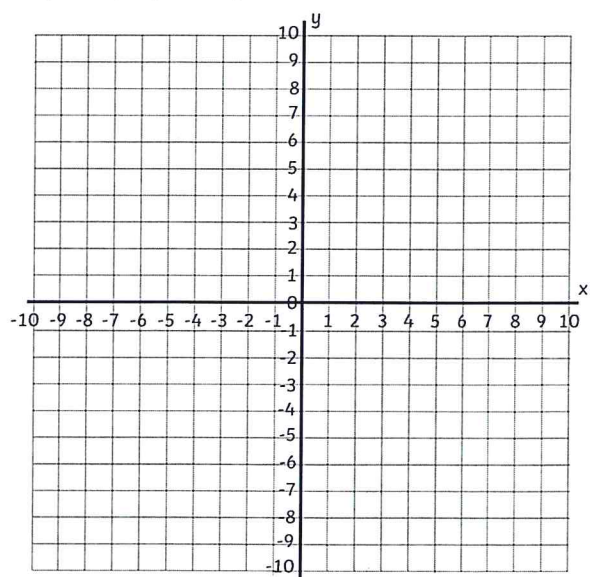
Plot these co-ordinates to reveal a shape: $(5,3)$, $(8,3)$, $(9,5)$, $(8,7)$, $(5,7)$, $(4,5)$



Translate the shape left 9, down 5.

What are the co-ordinates of the new shape?

Plot these co-ordinates to reveal a shape: $(-3,-1)$, $(-5,2)$, $(-7,5)$, $(-3,5)$, $(-7,-1)$



Translate the shape left 3, up 5.

What are the co-ordinates of the new shape?