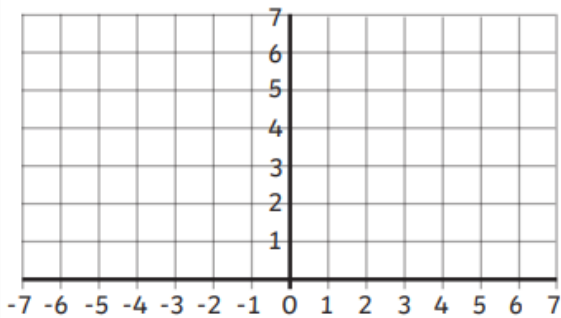


Plot the following co-ordinates and follow the translations to reveal a new shape.

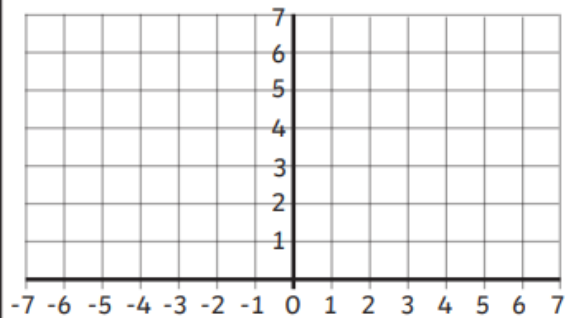
Plot these co-ordinates to reveal a shape:  
 $(0,1)$ ,  $(2,1)$ ,  $(2,3)$ ,  $(0,3)$



Translate the shape left 6, down 1.

What are the co-ordinates of the new shape?

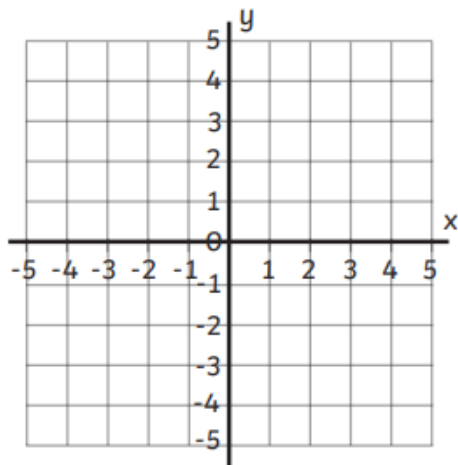
Plot these co-ordinates to reveal a shape:  
 $(-2, 3)$ ,  $(-1, 5)$ ,  $(-3, 5)$



Translate the shape right 4, down 2.

What are co-ordinates of the new shape?

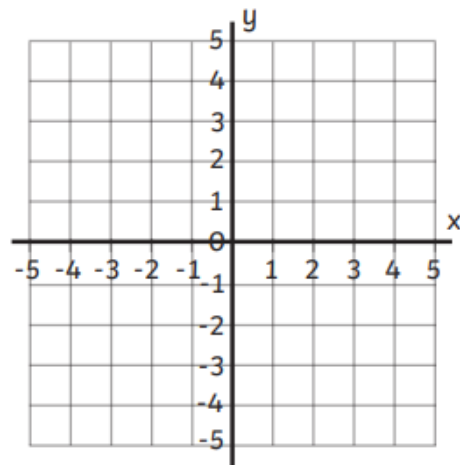
Plot these co-ordinates to reveal a shape:  
 $(-3,-1)$ ,  $(-3,-2)$ ,  $(1,-1)$ ,  $(1,-2)$



Translate the shape right 3, up 3.

What are the co-ordinates of the new shape?

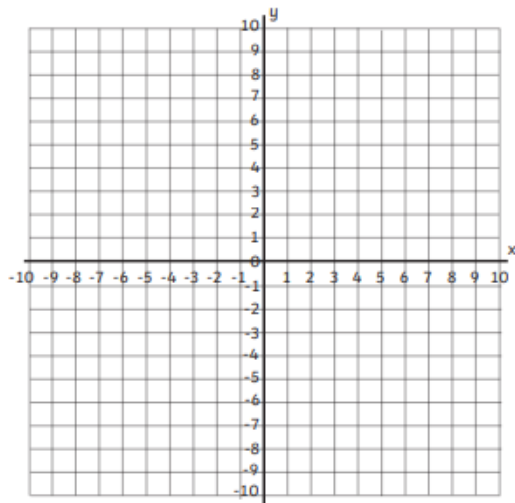
Plot these co-ordinates to reveal a shape:  
 $(2,1)$ ,  $(4,1)$ ,  $(0,-3)$ ,  $(0,-1)$



Translate the shape left 4, up 1.

What are the co-ordinates of the new shape?

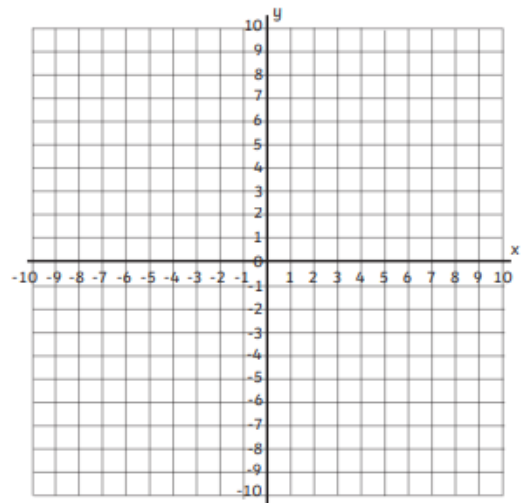
Plot these co-ordinates to reveal a shape:  $(5,3)$ ,  $(8,3)$ ,  $(9,5)$ ,  $(8,7)$ ,  $(5,7)$ ,  $(4,5)$



Translate the shape left 9, down 5.

What are the co-ordinates of the new shape?

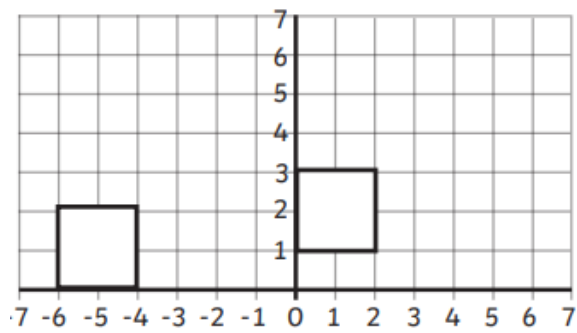
Plot these co-ordinates to reveal a shape:  $(-3,-1)$ ,  $(-5,2)$ ,  $(-7,5)$ ,  $(-3,5)$ ,  $(-7,-1)$



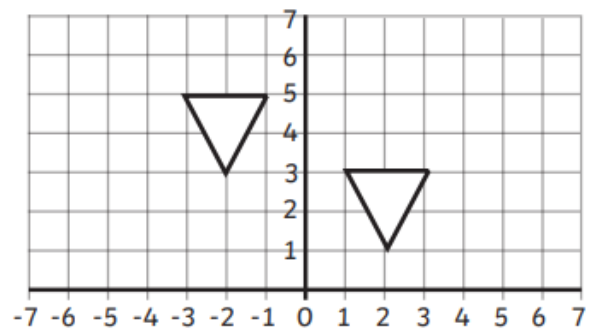
Translate the shape left 3, up 5.

What are the co-ordinates of the new shape?

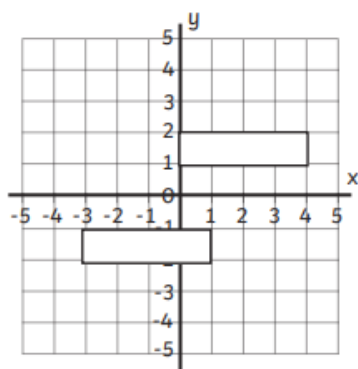
Answers



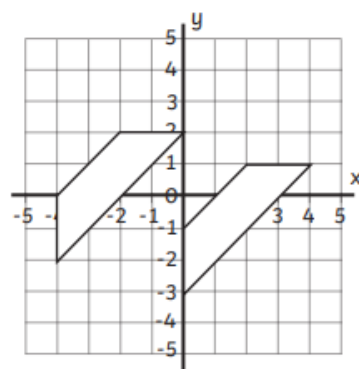
What are the co-ordinates of the new shape?  **$(-6,0)$ ,  $(-4,0)$ ,  $(-4,2)$ ,  $(-6,2)$**



What are the co-ordinates of the new shape?  **$(2,1)$ ,  $(3,3)$ ,  $(1,3)$**

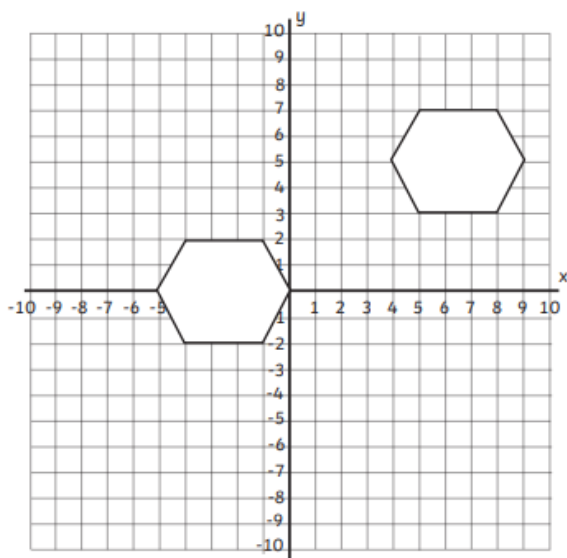


What are the co-ordinates of the new shape?  **$(0,1)$ ,  $(4,1)$ ,  $(4,2)$ ,  $(0,2)$**

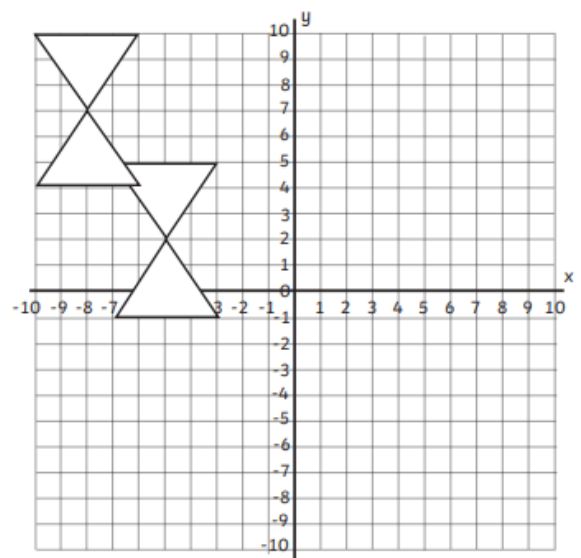


What are the co-ordinates of the new shape?  **$(-2,-2)$ ,  $(0,2)$ ,  $(-4,-2)$ ,  $(-4,0)$**

..



What are the co-ordinates of the new shape?  **$(-4,-2)$ ,  $(-1,-2)$ ,  $(0,0)$ ,  $(-1,2)$ ,  $(-4,2)$ ,  $(-5,0)$**



What are the co-ordinates of the new shape?  **$(-6,4)$ ,  $(-8,7)$ ,  $(-10,10)$ ,  $(-6,10)$ ,  $(-10,4)$**