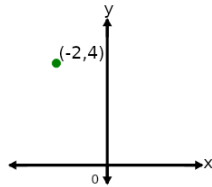




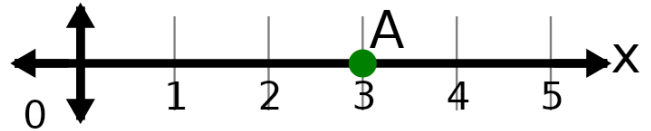
## Reflect figures across the x-axis

- 1** What does the value -2 in the point's coordinate mean?



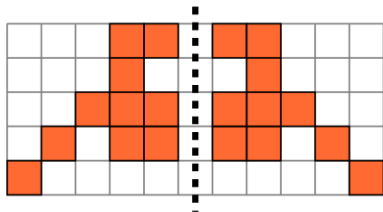
- A y is equal to 2    B y is equal to -2    C x is equal to 2    D x is equal to -2

- 2** What is the value of 'x' for this point labelled 'A'?



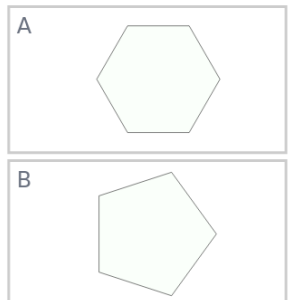
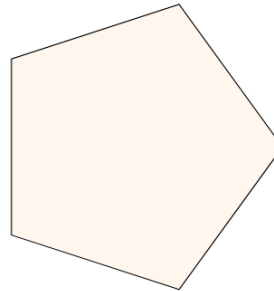
- A x = 6    B x = 3    C x = 4  
D x = 0    E x = 2    F x = 1

- 3** Are the left and right sides symmetric?

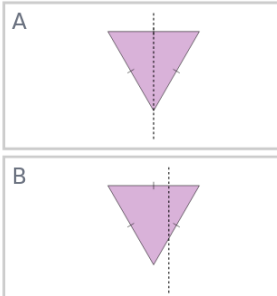
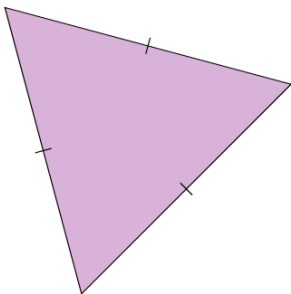


- A No    B Yes

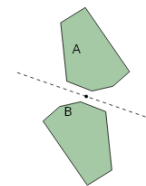
- 4** 5



- 5** Where is a line of symmetry on this Triangle?

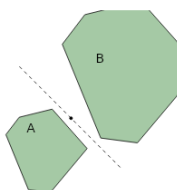


- 6** Identify the transformation that changes shape A into shape B



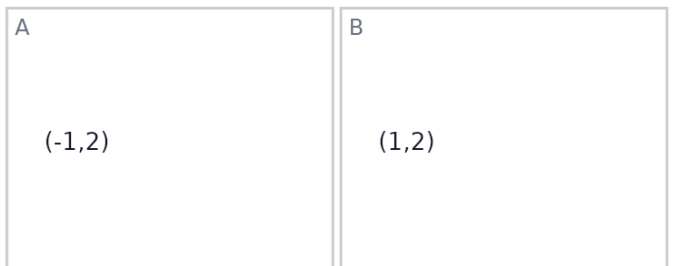
- A Translation    B Reflection    C Rotation

- 7** Is the transformation of shape A into shape B a Reflection?



- A Not a Reflection    B Reflection

- 8** (-1,-2)

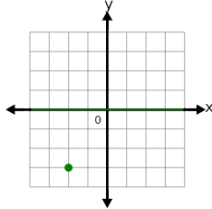




## Reflect figures across the x-axis

9

Reflect this point across the X axis

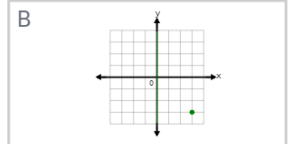
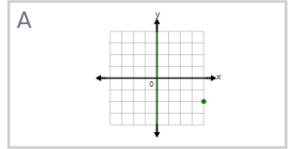
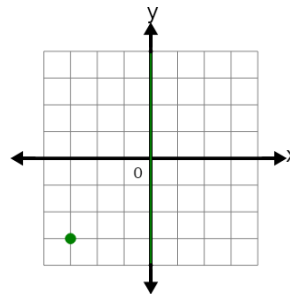


A  $(-2, -3)$

B  $(-2, 3)$

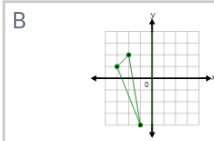
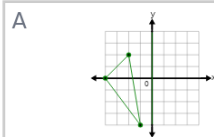
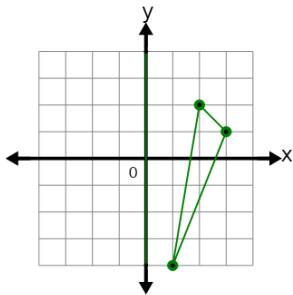
10

Reflect this point across the Y axis



11

Reflect this shape across the Y axis



12

$(-1, 4)$

A

$(-1, -4)$

B

$(4, -1)$