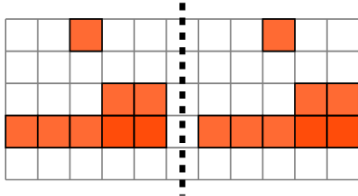




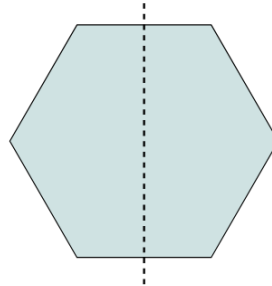
Perform reflections

1 Are the left and right sides symmetric?



A	No
B	Yes

2 Is this a line of symmetry on this Hexagon?



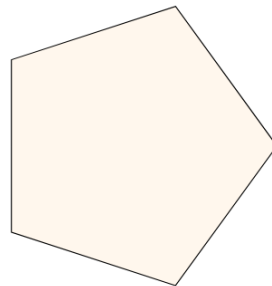
A	No
B	Yes

3 Is this a line of symmetry on this picture?



A	No
B	Yes

4 Where is a line of symmetry on this Pentagon?



A	
B	

5 Where is a line of symmetry on this picture?



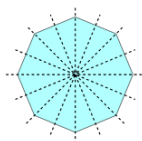
A	
B	

6 Which shape has 4 lines of symmetry?

4

A	
B	

7 How many lines of symmetry does this Octagon have?



A	15	B	10	C	1
D	2	E	6	F	8

8 Reflect point $(-2,-2)$ across the Y axis

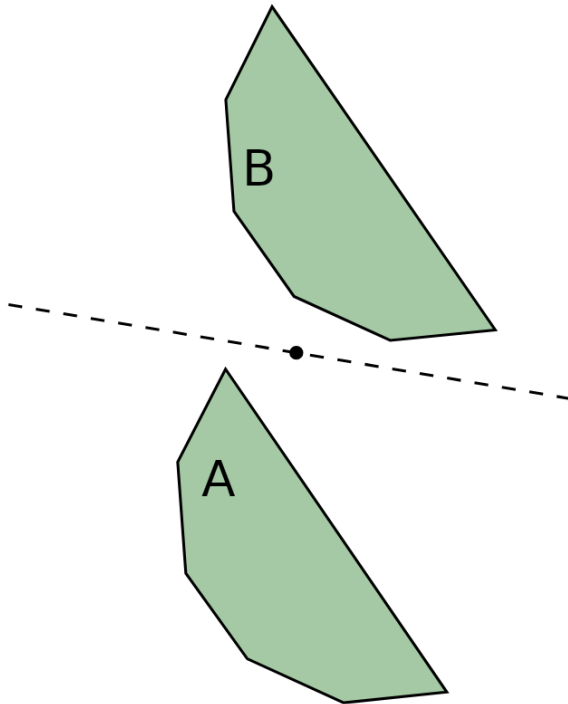
$(-2,-2)$

A	$(-2,2)$	B	$(2,-2)$
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Perform reflections

9 Identify the transformation that changes shape A into shape B



A

Rotation

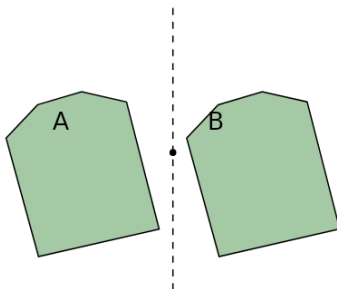
B

Translation

C

Reflection

10 Is the transformation of shape A into shape B a Reflection?



A

Reflection

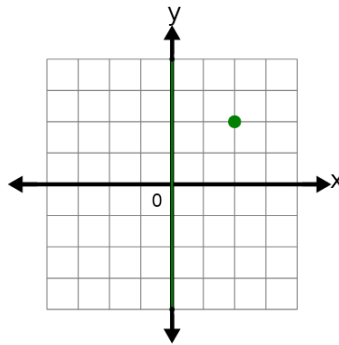
B

Not a Reflection

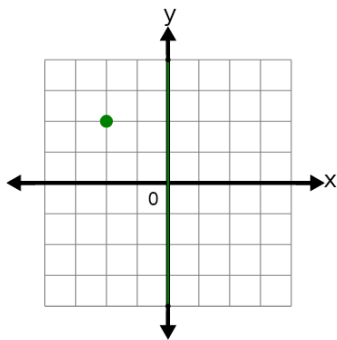


Perform reflections

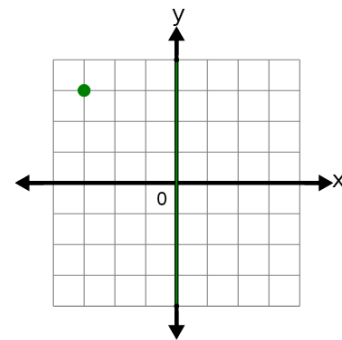
11 Reflect this point across the Y axis



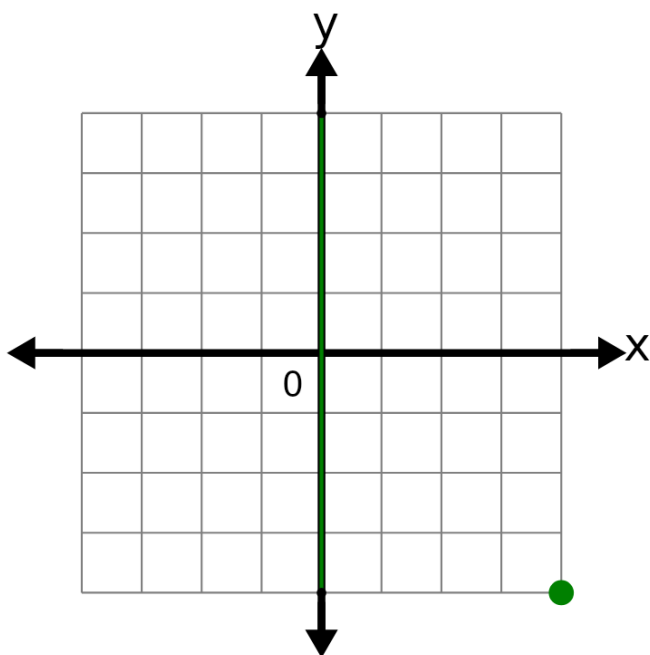
A



B



12 Reflect this point across the Y axis



A

$(-4, -4)$

B

$(4, 4)$