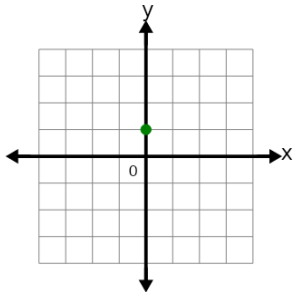




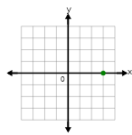
Recognize translations, rotations, and reflections

1

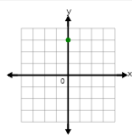
Translate this point by up 2



A

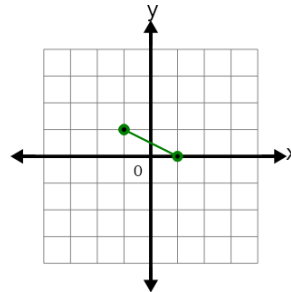


B

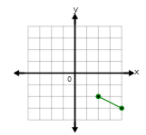


2

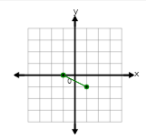
Translate this shape by down 1



A

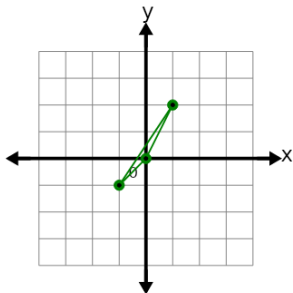


B

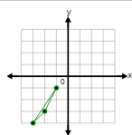


3

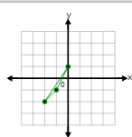
Translate this shape by left 1, down 1



A

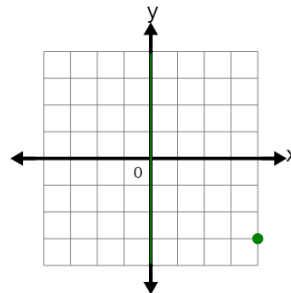


B

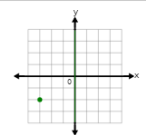


4

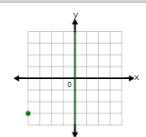
Reflect this point across the Y axis



A

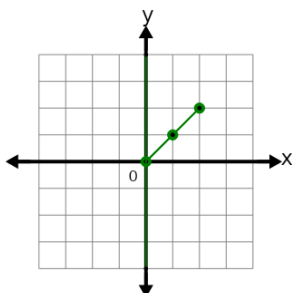


B

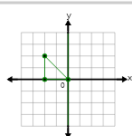


5

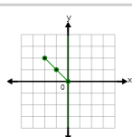
Reflect this shape across the Y axis



A

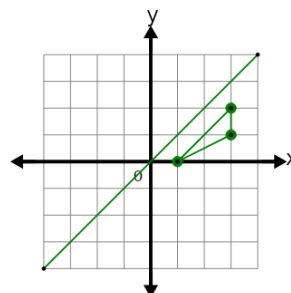


B

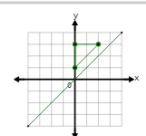


6

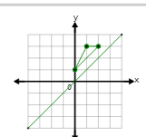
Reflect this shape across the diagonal



A

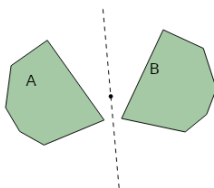


B



7

Identify the transformation that changes shape A into shape B



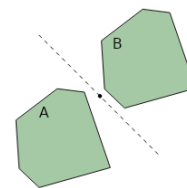
A Rotation

B Translation

C Reflection

8

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



A Reflection

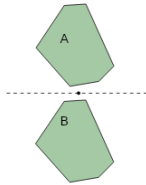
B Not a Reflection



Recognize translations, rotations, and reflections

9

Is the transformation of shape A into shape B a Translation?

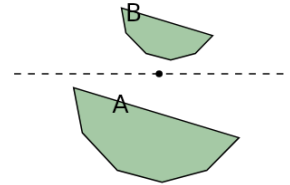


☐ A Translation

☐ B Not a Translation

10

Is the transformation of shape A into shape B a Rotation?

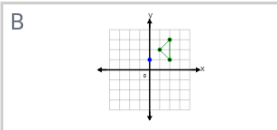
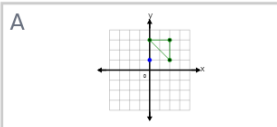
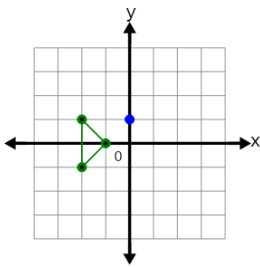


☐ A Not a Rotation

☐ B Rotation

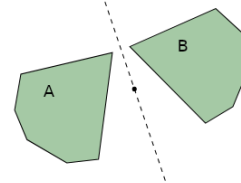
11

Rotate this shape by 180° counter-clockwise about point (0,1)



12

Identify the transformation that changes shape A into shape B



☐ A Translation

☐ B Reflection

☐ C Rotation