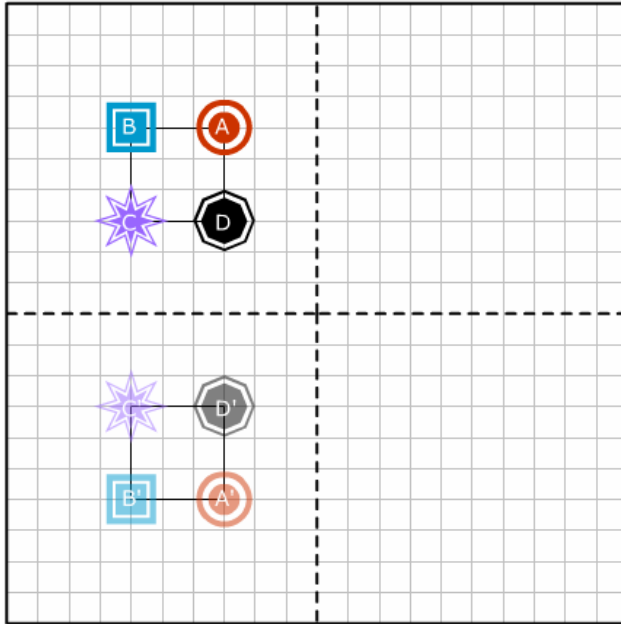


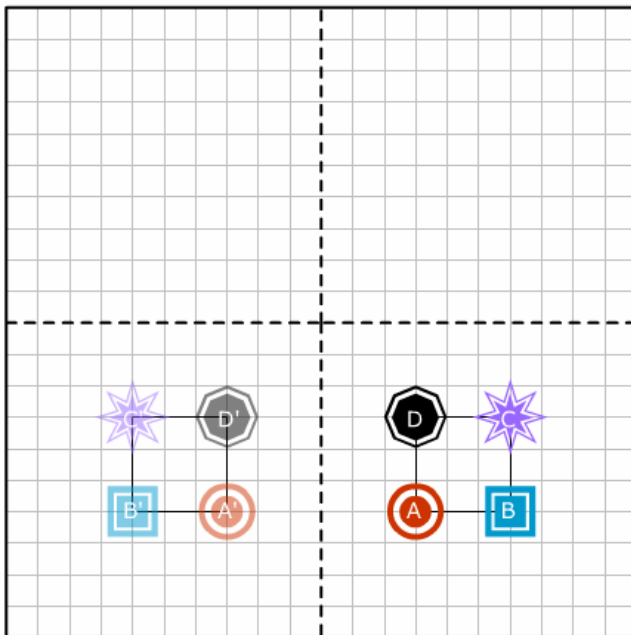
Transformations print activity

1. A **reflection** (flip) is one form of a transformation. In the Video Interactive shapes are only reflected in either the ____ or ____ axis.

2. a) This shape has been reflected in the ____ axis.

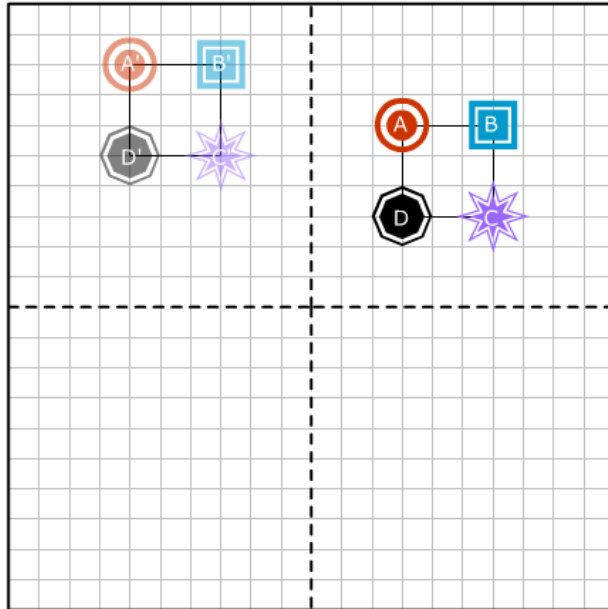


- b) This shape has been reflected in the ____ axis.

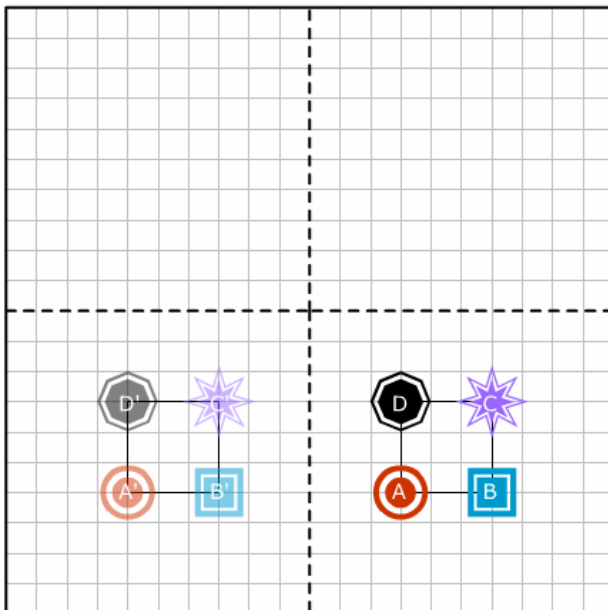


3. A **translation** (slide) is also a form of a transformation. Shapes may be translated by moving them either _____ or _____.

4. a) This shape has been translated _____ units _____, and _____ units _____.
 (Left/Right) (Up/Down)



5. a) This shape has been translated _____ units _____, and _____ units _____.
 (Left/Right) (Up/Down)



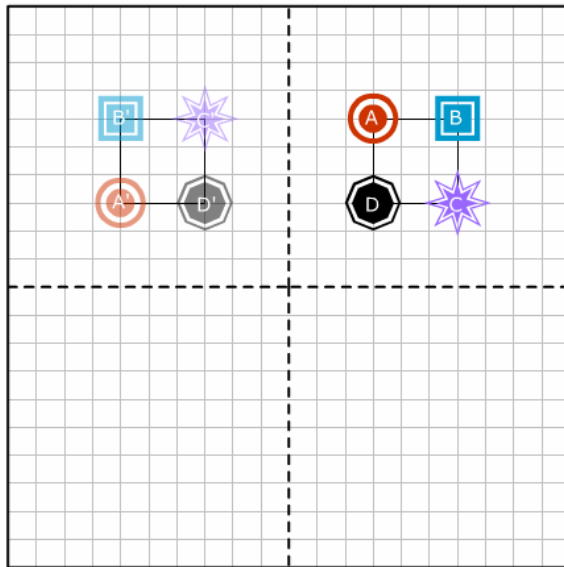
6. A **rotation** (turn) is another form of a transformation.
Choose a matching rotation for the following:

a) What is the same as a 90° clockwise rotation? _____

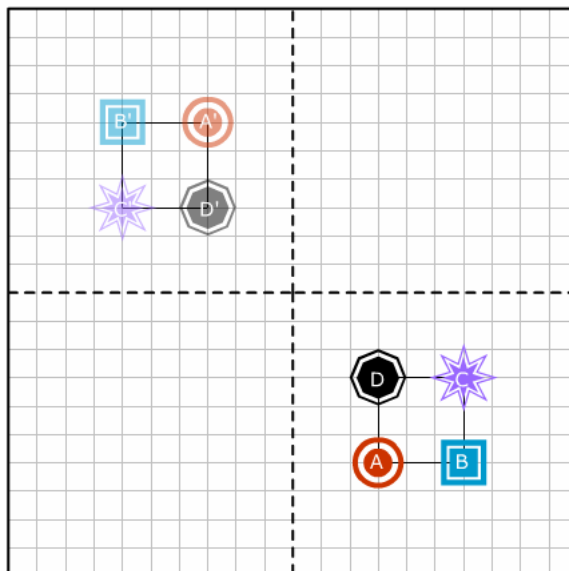
b) What is the same as a 180° clockwise rotation? _____

c) What is the same as a 270° clockwise rotation? _____

7. a) This shape has been rotated _____ degrees clockwise or _____ degrees counterclockwise.

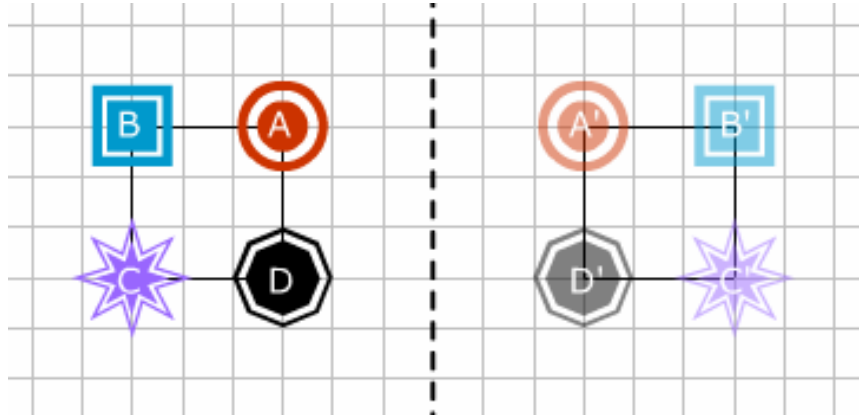


b) This shape has been rotated _____ degrees clockwise or _____ degrees counterclockwise.

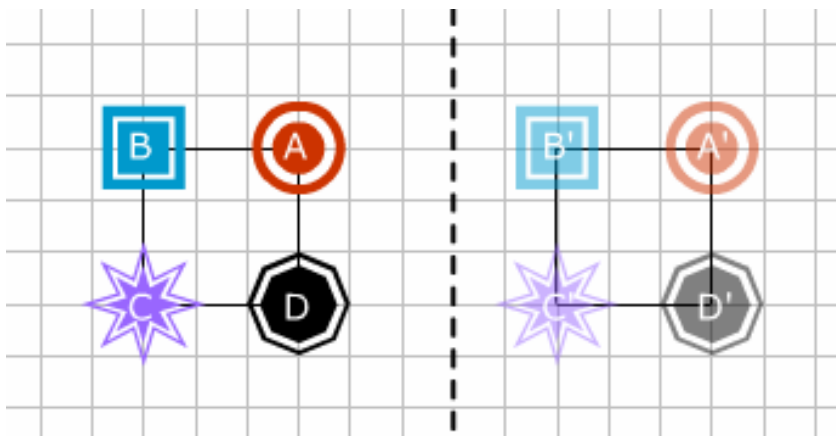


8. For the following diagrams, choose the correct transformation:

a) Translation (Slide) _____ Reflection (Flip) _____ Rotation (Turn) _____



b) Translation (Slide) _____ Reflection (Flip) _____ Rotation (Turn) _____



c) Translation (Slide) _____ Reflection (Flip) _____ Rotation (Turn) _____

