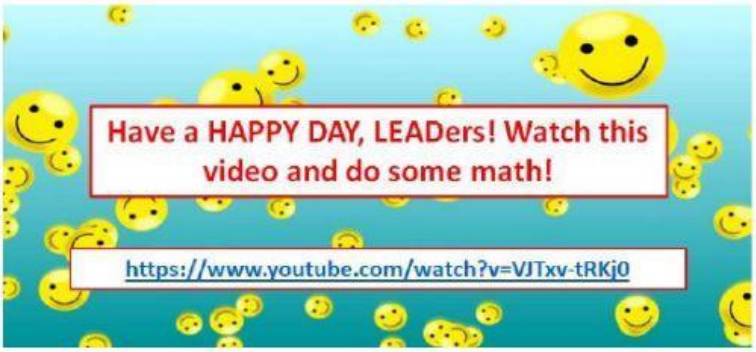
NAME: _____ DATE: _____

REFLECTION, ROTATION, TRANSLATION



Fill in the blanks with the correct words from the WORD BANKS:

There are three basic _____(changes) that can be done to a shape. They are **reflection**, **rotation**, and **translation**. These transformations move the shape without making any _____ to its shape or size. A _____ flips a shape over to create a mirror image. The dotted line in the video is like a _____ . The copied second shape we see across the line is called an _____ . It is exactly _____ the first shape.

Mirror | Changes | Reflection | opposite | image | Transformations

A rotation _____ a shape. Shapes may be rotated clockwise or _____ . Whenever we do a rotation, the figure must stay the same size and the same _____ . It is only turned. Figures always rotate around a _____ that does not move. If a figure is rotated all the way around back to where it started, this is called a _____ (360 °). Half-way around is _____ .

Counter-clockwise | Point | 180° | Turns | Shape | Full rotation

LIVEWORKSHEETS

A _____ moves or slides a shape. A translation always moves an object, but it does not _____ it, _____ it, or change its size. Each point moves the exact same _____ , and in the exact same _____ .

Turn | Distance | Direction | Flip | Translation

Recognize how each figure has moved. Write slide, flip or turn.

1) 

_____

2) 

_____

3) 

_____

4) 

_____

5) 

_____

6) 

_____

7) 

_____

8) 

_____

LIVEWORKSHEETS

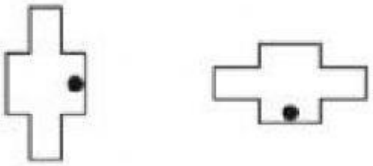
Recognize how each shape has moved. Write slide, flip or turn.

1) 

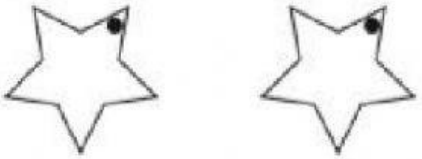
_____

2) 

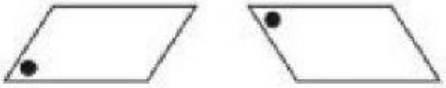
_____

3) 

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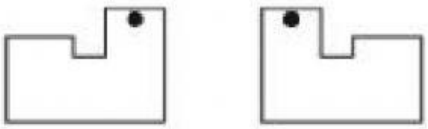
_____

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LIVEWORKSHEETS