

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.



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 _____.



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 _____.



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

1)



2)



3)



4)



5)



6)



7)



8)



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

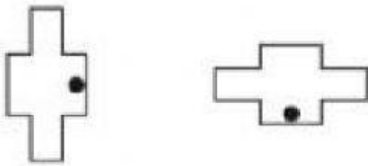
1)



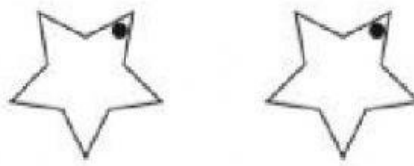
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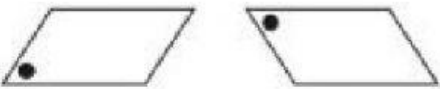
3)



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7)



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