

TRANSFORMATION

Transformation means to change. Hence, a geometric transformation would mean to make some changes in any given geometric shape.

Transformation involves moving an **object** from its original position to a new position. The object in the new position is called the **image**. Each point in the object is mapped to a corresponding point in the image.

Translation

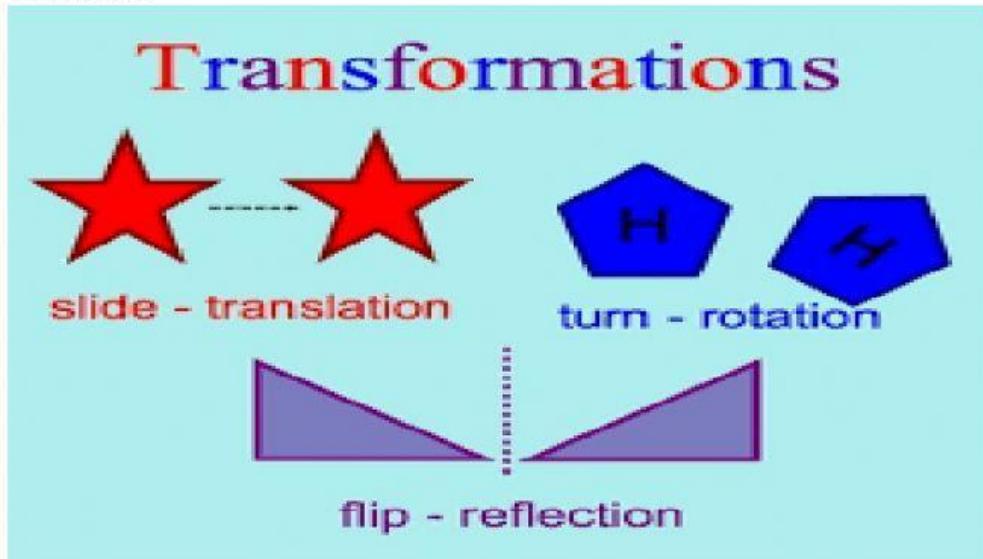
involves "sliding" the object from one position to another.

Reflection

involves "flipping" the object over a line called the line of reflection.

Rotation

involves "turning" the object about a point called the center of rotation.



Name: _____

Score: _____

Multiple Choice

Sheet 1

Choose the correct image which shows the transformation of each figure.

1) Reflection of  ?



2) Translation of  ?



3) Rotation of  ?



4) Reflection of  ?

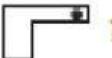


5) Translation of  ?



6) Rotation of  ?



7) Reflection of  ?



8) Translation of  ?

