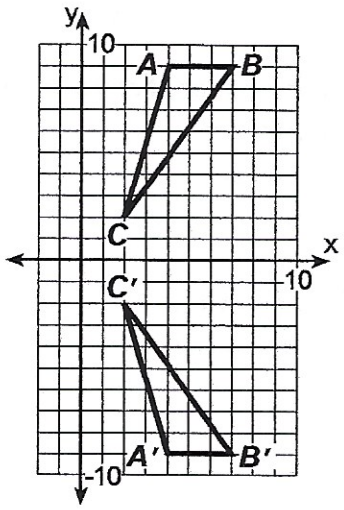
Name: Key Date:_____

Mrs. Roumbos 8R Period_____

Transformation Do Now

1) In the accompanying diagram, $\Delta A'B'C'$ is the image of ΔABC.

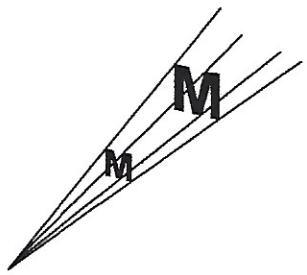


What type of transformation is shown?

A) translation
B) rotation
C) reflection
D) dilation

over the x-axis

2) What type of transformation for letter M is shown in the accompanying diagram?

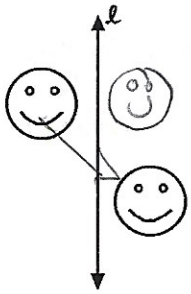


A) line reflection
B) translation
C) dilation → change in size
D) rotation

3) What type of transformation is represented by the illustration?

A) rotation
B) dilation
C) translation
D) reflection

4) In the accompanying diagram, the faces are congruent.

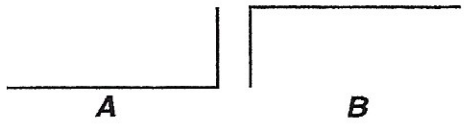


What type of transformation is illustrated?

A) a translation
B) a reflection in line l
C) a dilation
D) a rotation

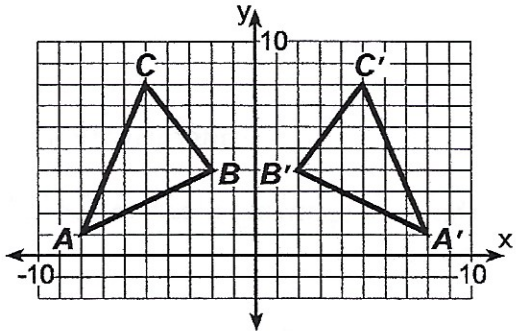
slide

5) In the diagram below, figure *B* is the image of figure *A* under what type of transformation?



A) line reflection
B) translation
C) dilation
D) rotation → turn

6) In the accompanying diagram, $\triangle A'B'C'$ is the image of $\triangle ABC$.

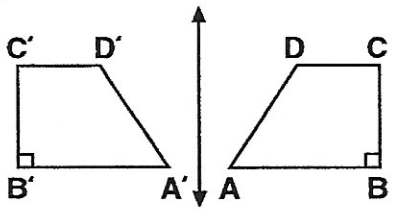


What type of transformation is shown in the illustration?

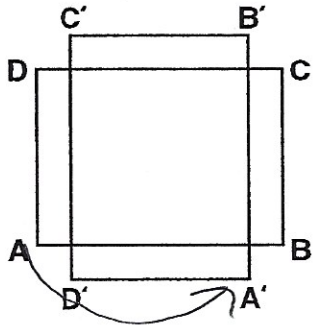
~~A) translation~~
B) rotation
C) dilation
D) line reflection over the y-axis

7) In each diagram below, quadrilateral $A'B'C'D'$ is the image of quadrilateral ABCD under transformation in the plane. Identify the type of transformation as a dilation, a translation, a rotation or a line reflection.

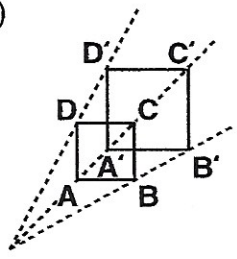
(1)



(2)



(3)



(1) line Reflection (2) Rotation (3) Dilation