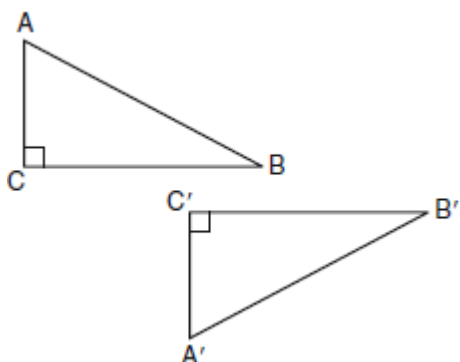


NAME: \_\_\_\_\_

*G.G.56: Identify specific isometries by observing orientation, numbers of invariant points, and/or parallelism*

1. 080915ge, P.I. G.G.56

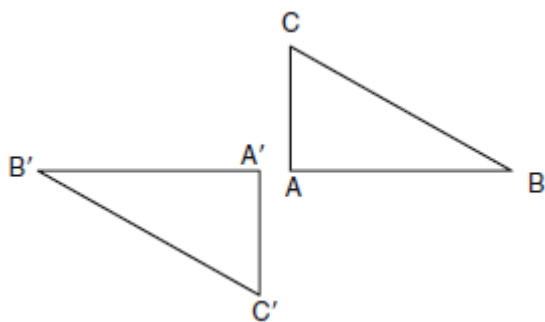
In the diagram below, which transformation was used to map  $\triangle ABC$  to  $\triangle A'B'C'$ ?



- [A] rotation [B] glide reflection  
[C] dilation [D] reflection

2. 060903ge, P.I. G.G.56

In the diagram below, under which transformation will  $\triangle A'B'C'$  be the image of  $\triangle ABC$ ?



- [A] translation [B] glide reflection  
[C] rotation [D] dilation

3. 060812a, P.I. G.G.56

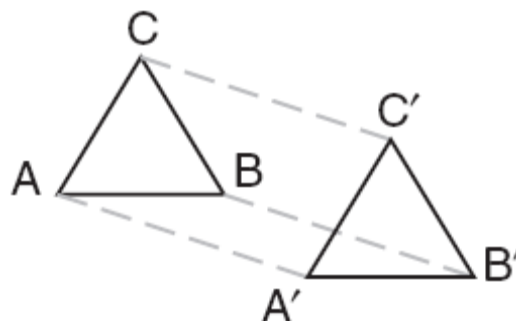
Which transformation is illustrated by the accompanying diagram?



- [A] rotation [B] translation  
[C] dilation [D] reflection

4. 080719a, P.I. G.G.56

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







Which type of transformation is shown in the diagram?

- [A] line reflection [B] rotation  
[C] dilation [D] translation

NAME: \_\_\_\_\_



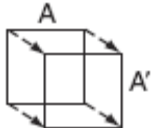

5. 010701a, P.I. G.G.56

Which image represents a line reflection?

- [A]  [B]   
[C]  [D] 

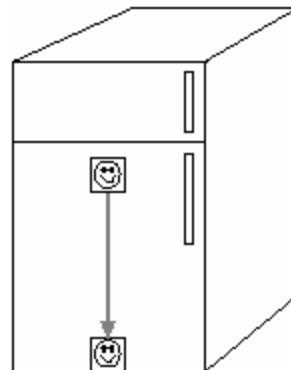
6. 010602a, P.I. G.G.56

Ms. Brewer's art class is drawing reflected images. She wants her students to draw images reflected in a line. Which diagram represents a correctly drawn image?

- [A]   
[B]   
[C]  [D] 

7. 060508a, P.I. G.G.56

A picture held by a magnet to a refrigerator slides to the bottom of the refrigerator, as shown in the accompanying diagram.

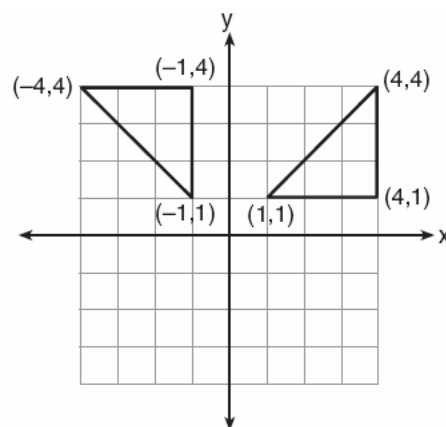


This change of position is an example of a

- [A] reflection [B] rotation  
[C] translation [D] dilation

8. 060410a, P.I. G.G.56

Which type of transformation is illustrated in the accompanying diagram?

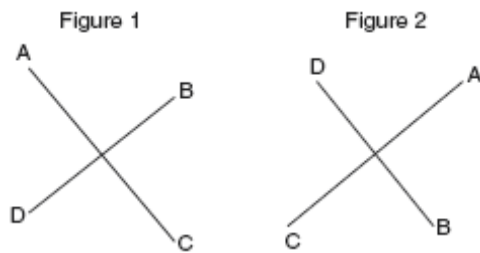


- [A] dilation [B] translation  
[C] reflection [D] rotation

NAME: \_\_\_\_\_

9. 010305a, P.I. G.G.56

The accompanying diagram shows a transformation.

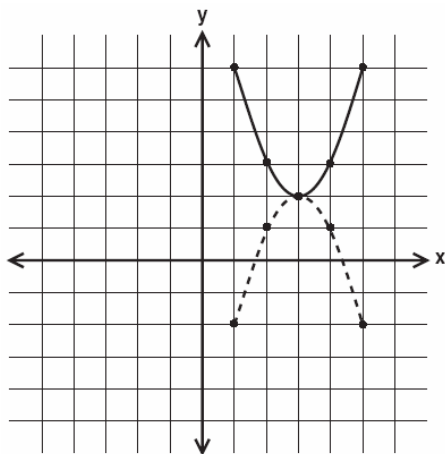


Which transformation performed on figure 1 resulted in figure 2?

- [A] reflection [B] dilation  
[C] translation [D] rotation

10. 080212a, P.I. G.G.56

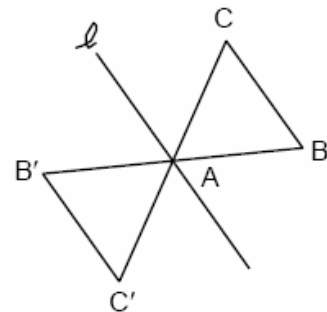
In the accompanying diagram, which transformation changes the solid-line parabola to the dotted-line parabola?



- [A] line reflection or rotation  
[B] translation [C] rotation, only  
[D] line reflection, only

11. 089903a, P.I. G.G.56

The transformation of  $\triangle ABC$  to  $\triangle AB'C'$  is shown in the accompanying diagram.



This transformation is an example of a

- [A] translation [B] rotation about point A  
[C] dilation  
[D] line reflection in line  $\ell$