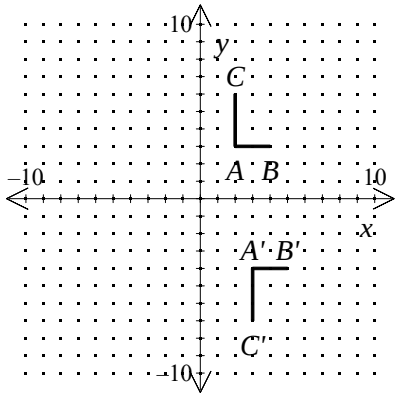
NAME:_____

1. Which glide reflection could map figure *ABC* to figure *A'B'C'*?



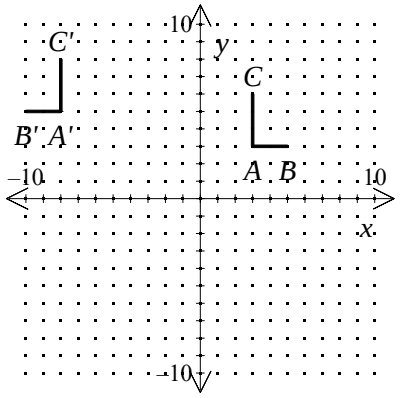
[A] $\langle -1, 1 \rangle$ and $x = -1$

[B] $\langle 1, -1 \rangle$ and $y = -1$

[C] $\langle 1, 0 \rangle$ and $y = -1$

[D] $\langle 0, 1 \rangle$ and $x = -1$

2. Which glide reflection could map figure *ABC* to figure *A'B'C'*?



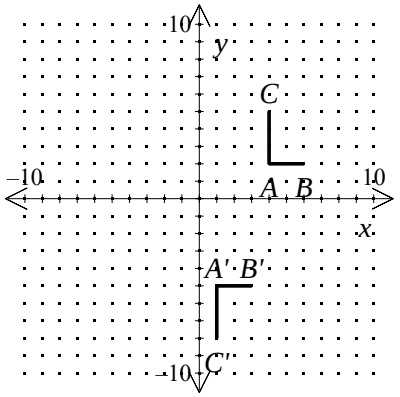
[A] $\langle -1, 2 \rangle$ and $x = -3$

[B] $\langle 3, -1 \rangle$ and $y = -3$

[C] $\langle 2, -1 \rangle$ and $y = -3$

[D] $\langle -1, 3 \rangle$ and $x = -3$

3. Which glide reflection could map figure *ABC* to figure *A'B'C'*?



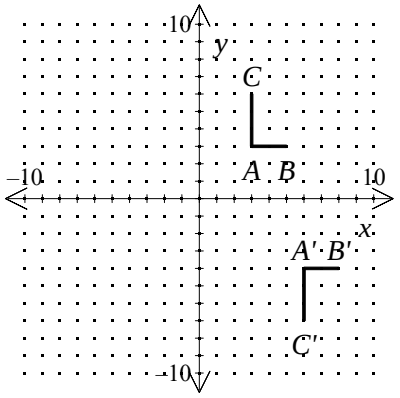
[A] $\langle 1, -3 \rangle$ and $x = -1$

[B] $\langle -3, 1 \rangle$ and $y = -1$

[C] $\langle -3, 2 \rangle$ and $y = -1$

[D] $\langle 2, -3 \rangle$ and $x = -1$

4. Which glide reflection could map figure *ABC* to figure *A'B'C'*?



[A] $\langle 3, 0 \rangle$ and $y = -1$

[B] $\langle -1, 3 \rangle$ and $x = -1$

[C] $\langle 3, -1 \rangle$ and $y = -1$

[D] $\langle 0, 3 \rangle$ and $x = -1$

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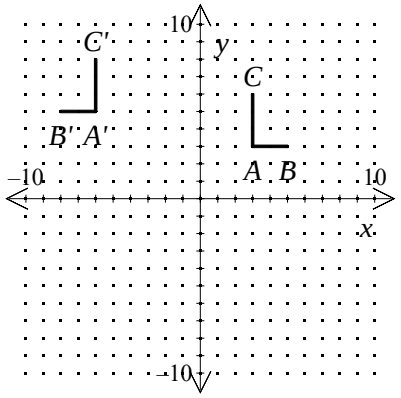
5. Which glide reflection could map figure *ABC* to figure *A'B'C'*?



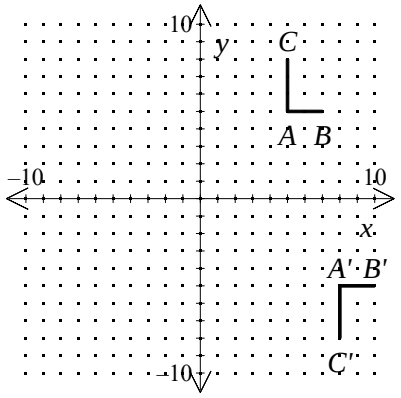
[A] $\langle -3, 2 \rangle$ and $x = -3$

[B] $\langle 3, -3 \rangle$ and $y = -3$

[C] $\langle 2, -3 \rangle$ and $y = -3$

[D] $\langle -3, 3 \rangle$ and $x = -3$

6. Which glide reflection could map figure *ABC* to figure *A'B'C'*?



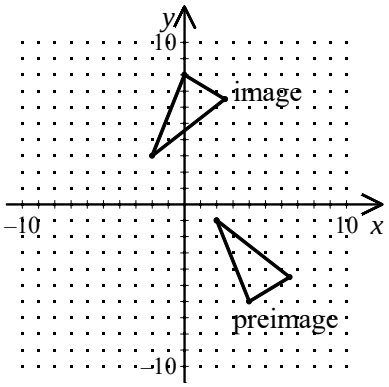
[A] $\langle 1, 3 \rangle$ and $x = 0$

[B] $\langle 3, 0 \rangle$ and $y = 0$

[C] $\langle 0, 3 \rangle$ and $x = 0$

[D] $\langle 3, 1 \rangle$ and $y = 0$

7. In the following glide reflection, identify the individual reflections.



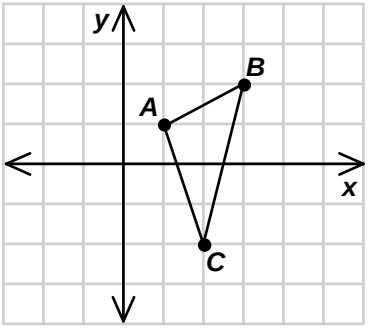
[A] a reflection in the line $y = 0$ followed by one in the line $x = y$

[B] reflections in $x = 0$, then $x = -1$, then $y = 1$

[C] a reflection in the line $x = y$ followed by one in the line $x = -y$

[D] reflections in $x = 1$, then $x = -1$, then $y = 1$

8. Find the image of ΔABC under the glide reflection $\langle 3, -1 \rangle$ and $x = 0$.



[1] B

[2] A

[3] B

[4] C

[5] A

[6] B

[7] D

[8]