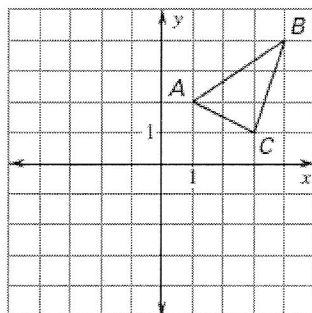


Geometry
Reflection HW

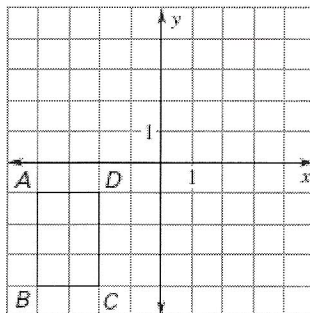
Name _____

Graph the reflection of the polygon in the given line.

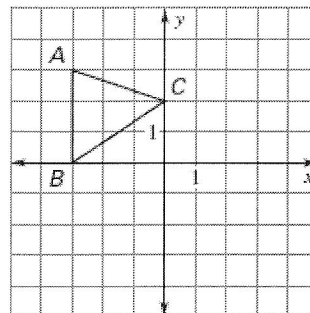
1. x -axis



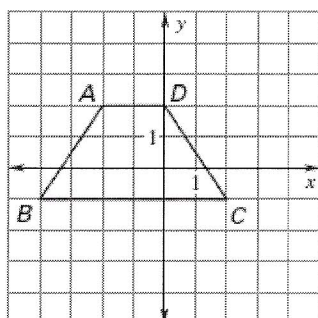
2. y -axis



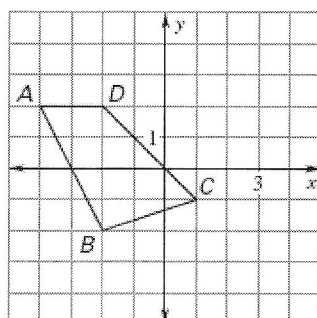
3. $x = -1$



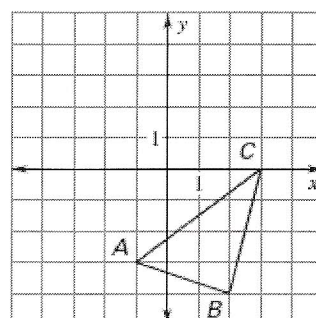
4. $y = 1$



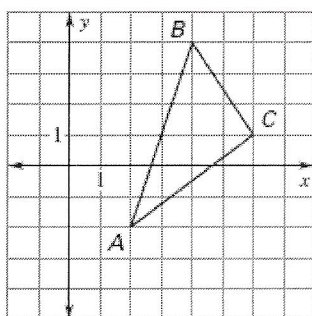
5. $y = -x$



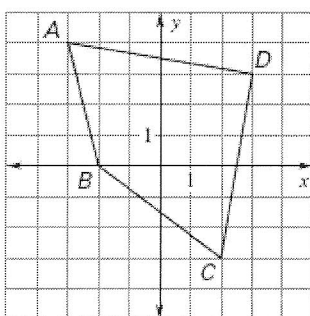
6. $y = x$



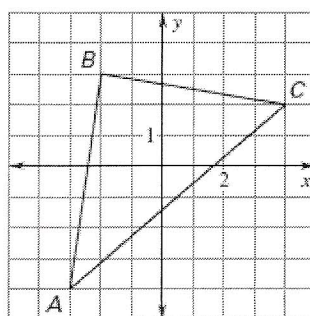
9. x -axis



10. y -axis

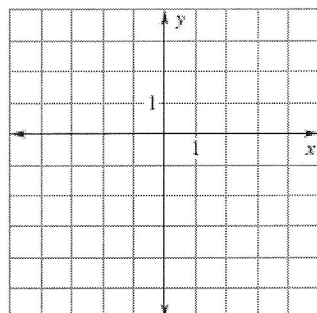


11. x -axis

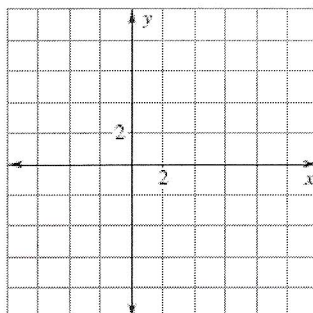


The vertices of $\triangle ABC$ are $A(-2, 1)$, $B(3, 4)$, and $C(3, 1)$. Reflect $\triangle ABC$ in the first line. Then reflect $\triangle A'B'C'$ in the second line. Graph $\triangle A'B'C'$ and $\triangle A''B''C''$.

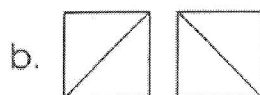
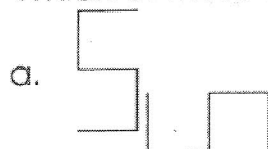
15. In $y = 1$, then in $y = -2$



16. In $x = 4$, then in $y = -1$



1. Which of these figures represent reflections?



Sketch the axis (or axes) of symmetry for each figure.

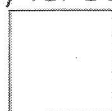
2.

A

3.



4.



5.

B

6.

H