

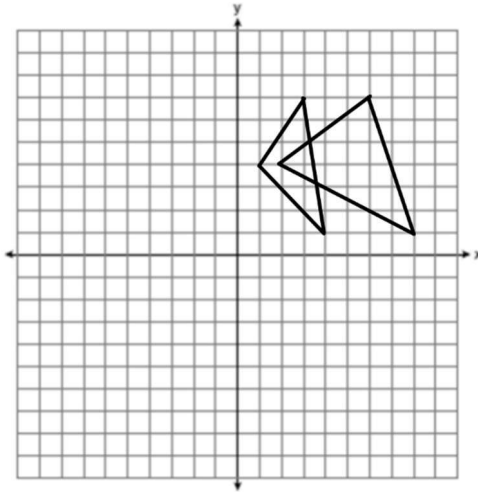
Name _____
Mr. Schlansky

Date _____
Geometry

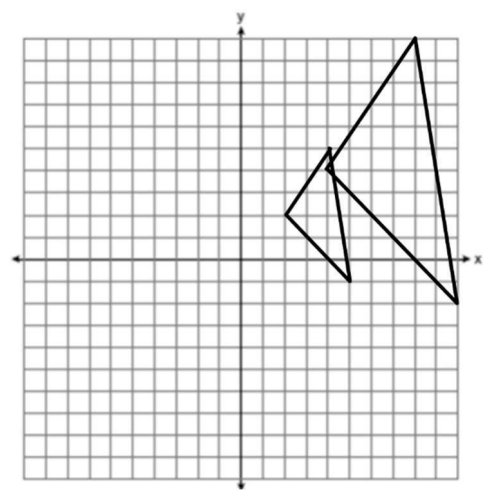
Identifying Vertical/Horizontal Stretches and Dilations

Identify whether each of the following was a dilation, vertical stretch, or horizontal stretch and state the rule.

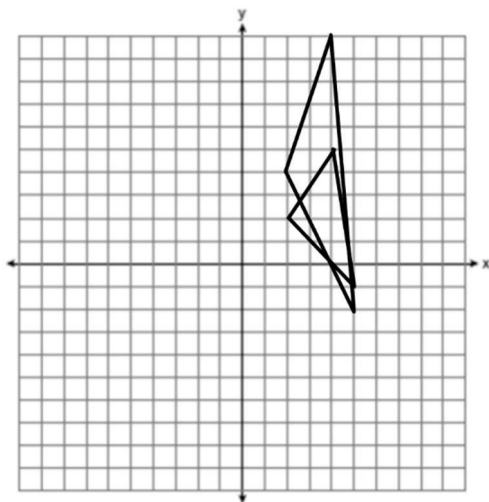
1.



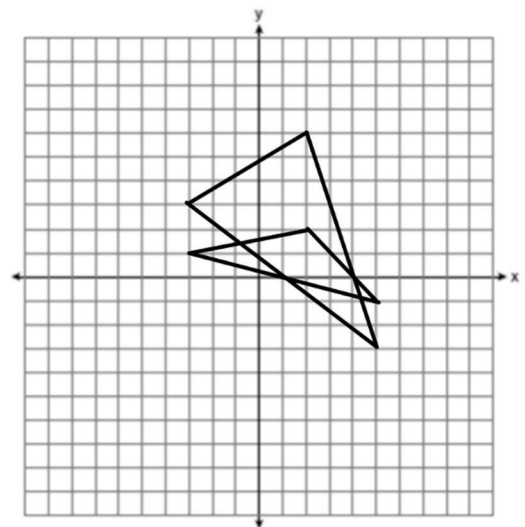
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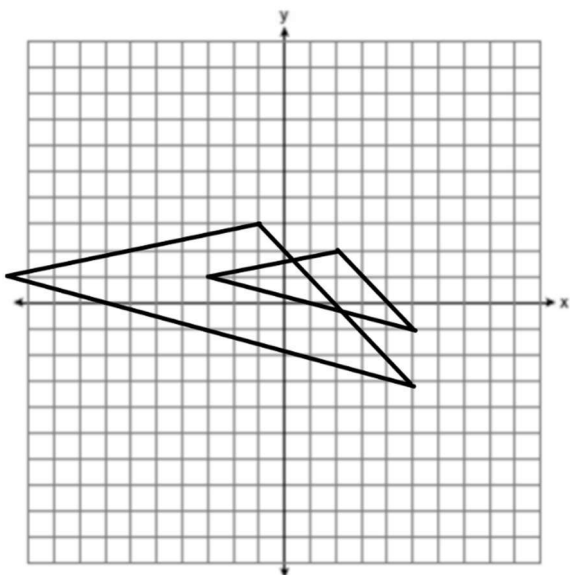
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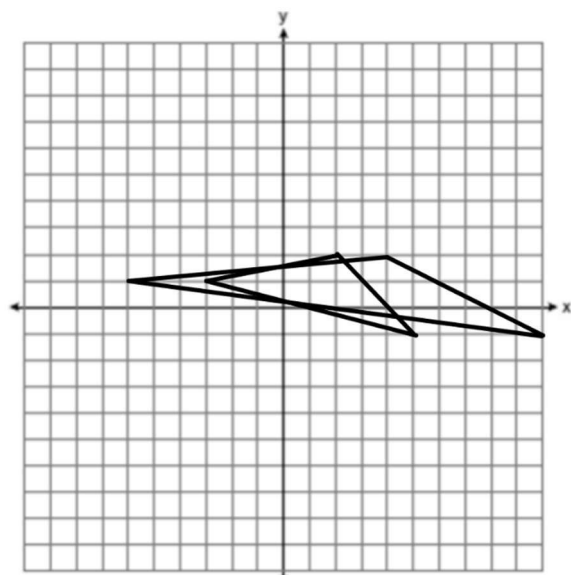
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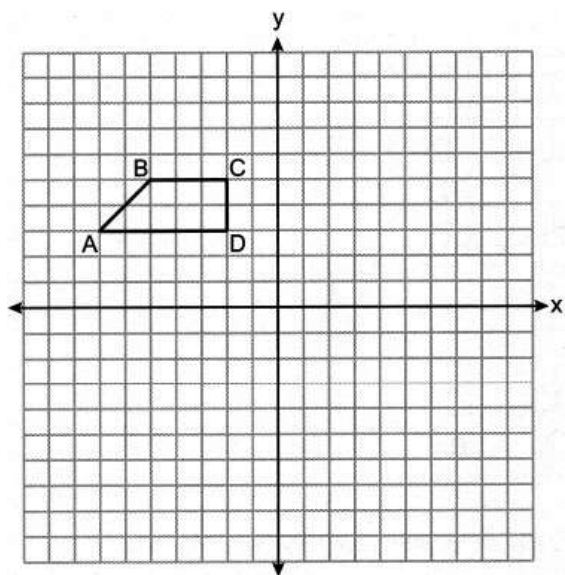
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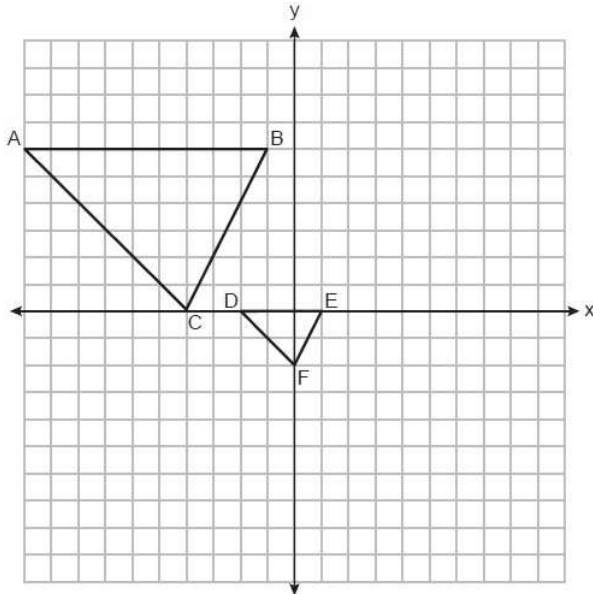
6.



7. Trapezoid $ABCD$ is graphed on the set of axes below. Trapezoid $A'B'C'D'$, whose vertices are $A'(-7, 6)$, $B'(-5, 10)$, $C'(-2, 10)$, and $D'(-2, 6)$ is the image of trapezoid $ABCD$. What transformation maps trapezoid $ABCD$ on trapezoid $A'B'C'D'$?



8. On the set of axes below, what transformation maps $\triangle DEF$ onto $\triangle ABC$?



9. On the set of axes below, $\triangle BLU$ has vertices with coordinates $B(-3, -2)$, $L(-2, 5)$, and $U(1, 1)$. $\triangle B'L'U'$ whose vertices are $B'(-9, -2)$, $L'(-6, 5)$, and $U'(3, 1)$ is the image of $\triangle BLU$. What transformation maps $\triangle BLU$ onto $\triangle B'L'U'$?

