

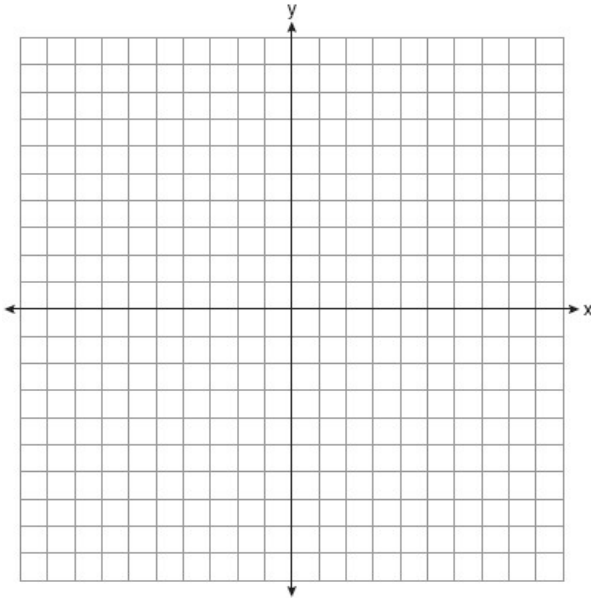
Name _____
Mr. Schlansky

Date _____
Geometry

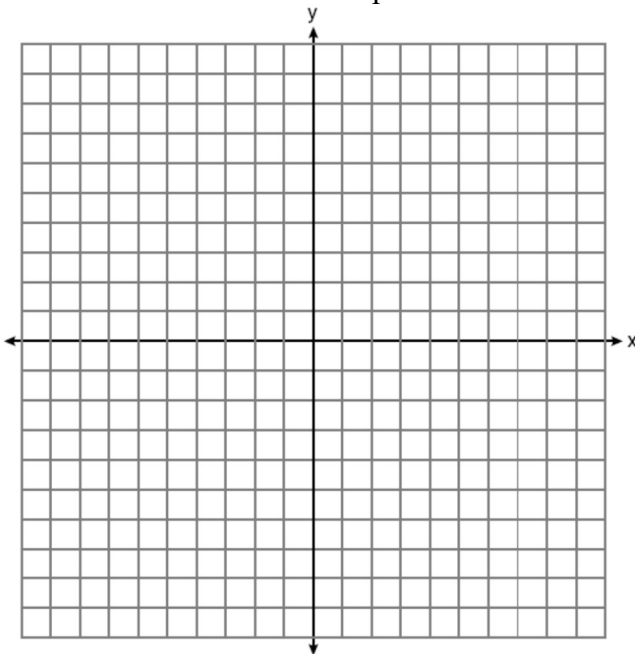


Performing Transformations Review

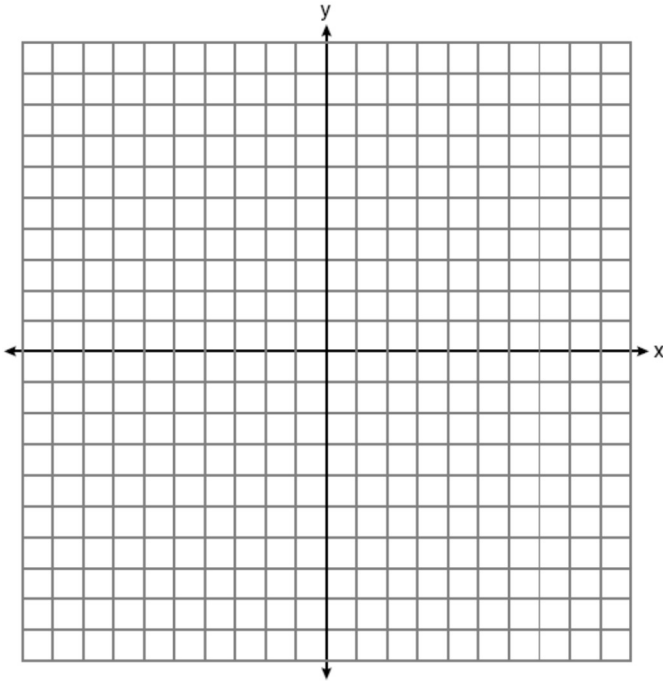
1. Triangle TAP has coordinates $T(-1, 4)$, $A(2, 4)$, and $P(2, 0)$. On the set of axes below, graph and label $\triangle T'A'P'$, the image of $\triangle TAP$ after a reflection through the point $(-2, -2)$.



2. Graph and label the image of $\triangle XYZ$ with $X(-3, 4)$, $Y(-1, 1)$, and $Z(2, 2)$ after a translation 3 units to the left and 1 unit up.



3. Graph and label the image of $\triangle LMN$ with vertices $L(2, -3)$, $M(5, 1)$ and $N(7, 3)$ after a counter-clockwise rotation 90 degrees centered at the origin.



4. Graph and label the image of triangle DEF with vertices $D(8, -2)$, $E(6, 3)$, and $F(2, 7)$ after a reflection over the line $x = 1$.

