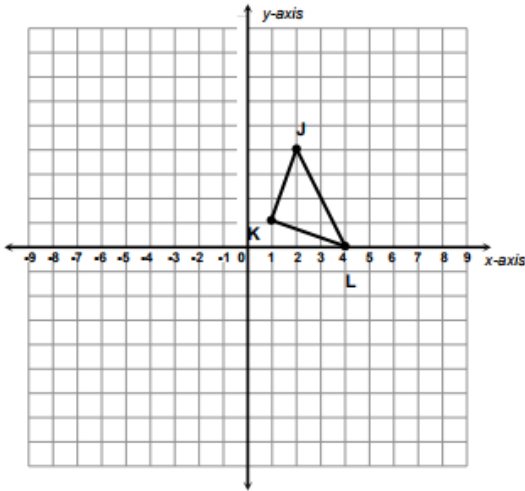


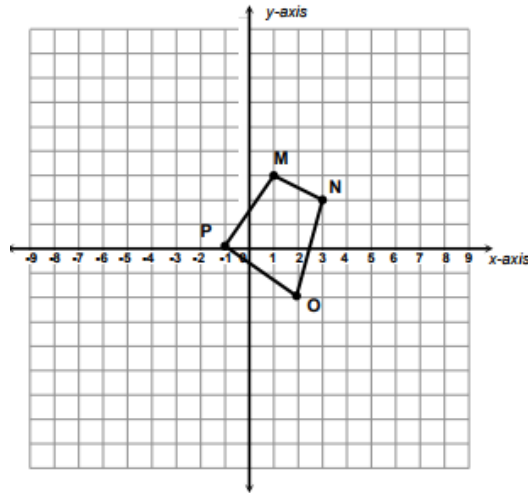
Dilations

For each question use the given shape and dilate each figure with the given scale factor. All dilations are centered around the origin. For #5 and #6 you do not have a graph. Just list the points.

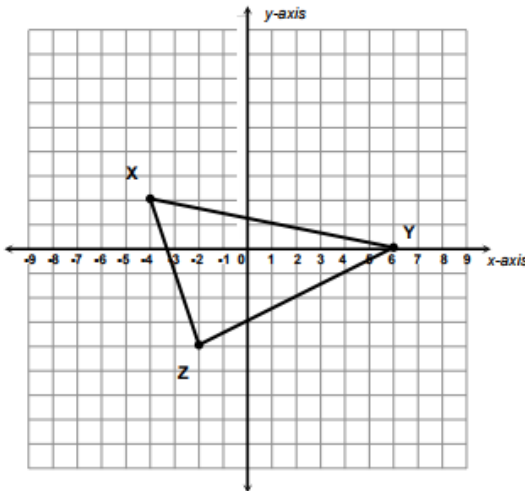
1. Dilate by a scale factor of 2.



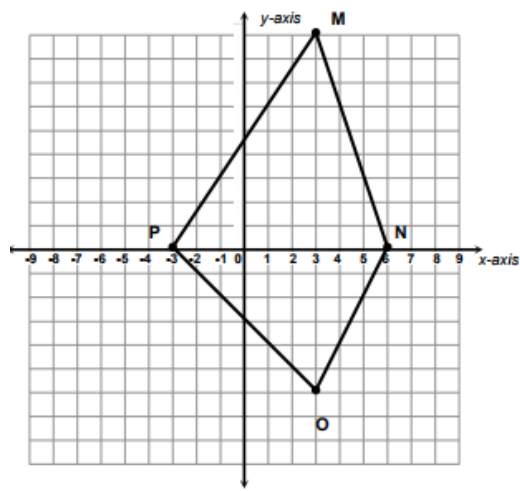
3. Dilate by a scale factor of 3.



2. Dilate by a scale factor of 1.5.



4. Dilate by a scale factor of 1/3.



5. Dilate the following points with a scale factor of 2. $A(-1, 0)$, $B(2, 4)$, $C(-3, -10)$.

6. Dilate the following points with a scale factor of $1/2$. $A(-2, 4)$, $B(8, 10)$, $C(-6, -4)$.