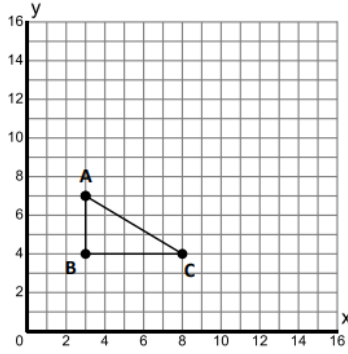


Final Review Graphing and Transformations

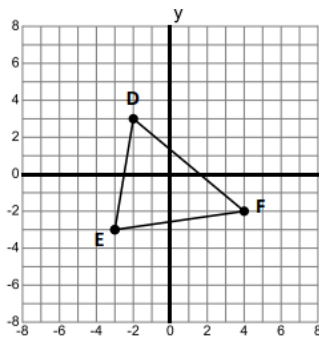
1.



- Write points A , B and C .
- Translate triangle ABC 3 units to the right and 5 units up. Fill in the new coordinates A' , B' and C' .
- Plot $\triangle A'B'C'$.

$A(\quad) \rightarrow A'(\quad)$
 $B(\quad) \rightarrow B'(\quad)$
 $C(\quad) \rightarrow C'(\quad)$

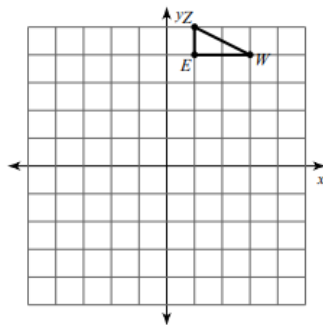
2.



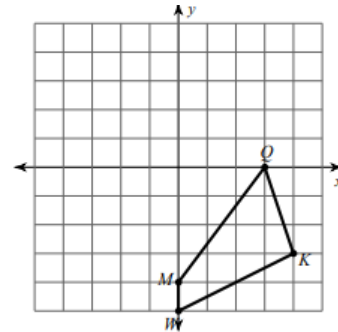
- Write points D , E and F .
- Dilate triangle DEF 3 by a scale factor of 2. Write points D' , E' and F' .
- Plot $\triangle D'E'F'$.

$D(\quad) \rightarrow D'(\quad)$
 $E(\quad) \rightarrow E'(\quad)$
 $F(\quad) \rightarrow F'(\quad)$

3. Reflect the triangle graphed across the x-axis followed by a reflection in the y-axis.



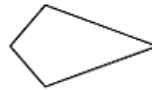
4. Reflect the triangle graphed across the y-axis followed by a reflection in the x-axis.



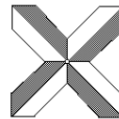
5. Determine if each picture has **horizontal/vertical** symmetry or circle **both**.



Horizontal **Vertical** **Both**



Horizontal **Vertical** **Both**



Horizontal **Vertical** **Both**

6.

Which picture does **NOT** show a line of symmetry? Mark your answer.

