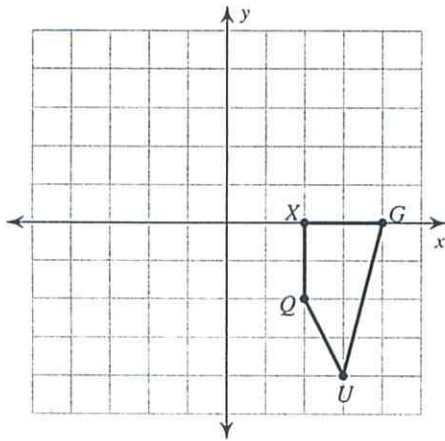


Translations of Shapes

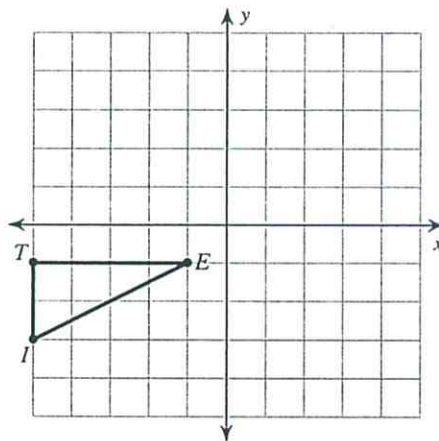
Date _____ Period _____

Graph the image of the figure using the transformation given.

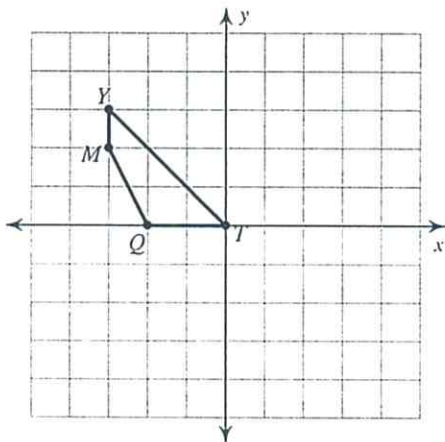
1) translation: 1 unit left



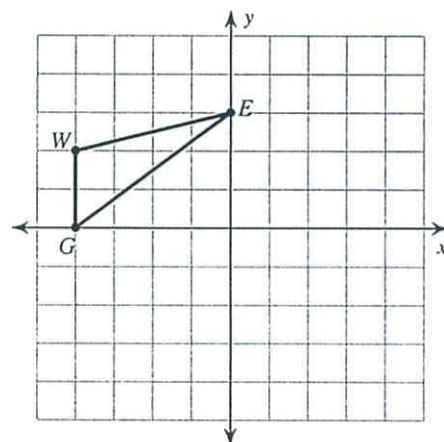
2) translation: 1 unit right and 2 units down



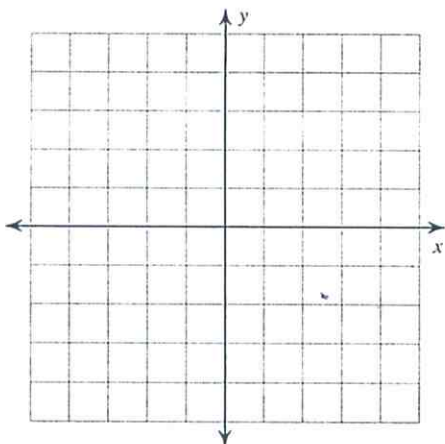
3) translation: 3 units right



4) translation: 1 unit right and 2 units down



5) translation: 5 units up

 $U(-3, -4)$, $M(-1, -1)$, $L(-2, -5)$ 

6) translation: 3 units up

 $R(-4, -3)$, $D(-4, 0)$, $L(0, 0)$, $F(0, -3)$ 