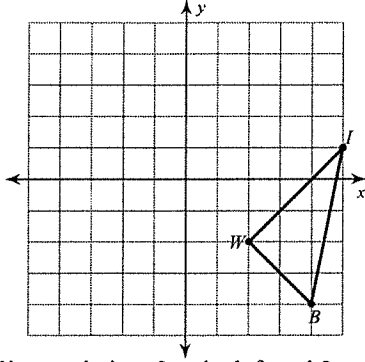
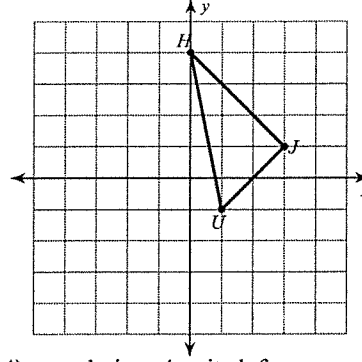


**Graph the image of the figure using the transformation given.**

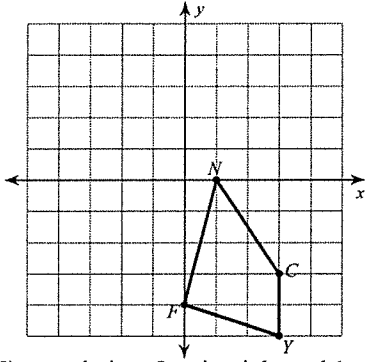
1) translation: 3 units left and 1 unit down



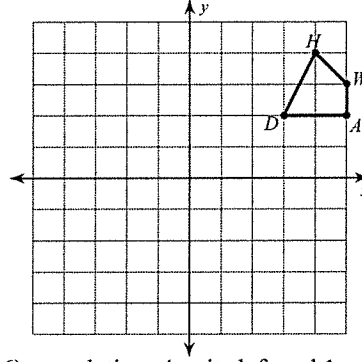
2) translation: 2 units left and 1 unit down



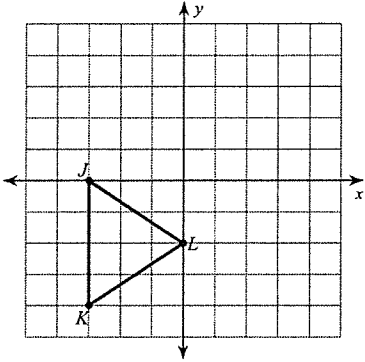
3) translation: 3 units left and 2 units up



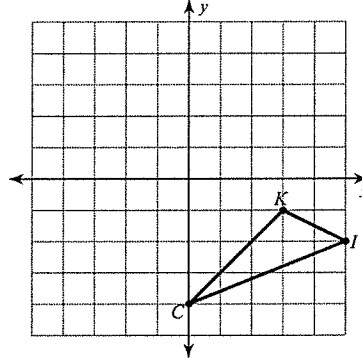
4) translation: 4 units left



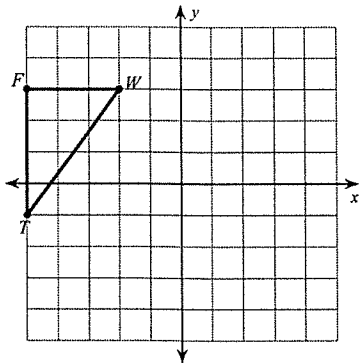
5) translation: 3 units right and 1 unit down



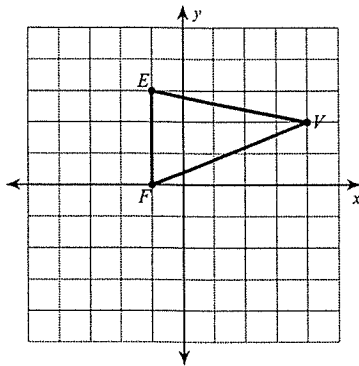
6) translation: 4 units left and 1 unit down



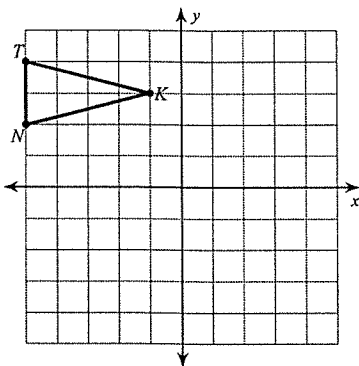
7) reflection across the y-axis



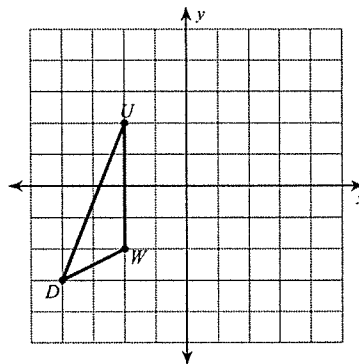
9) reflection across the y-axis



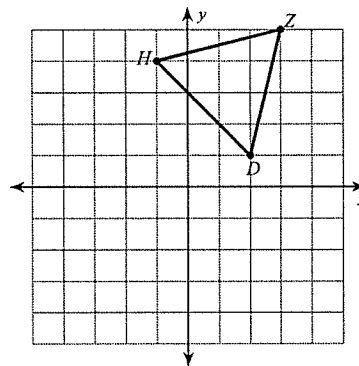
11) reflection across  $y = 2$



8) reflection across  $y = 1$



10) reflection across  $y = 3$



12) reflection across  $x = 2$

