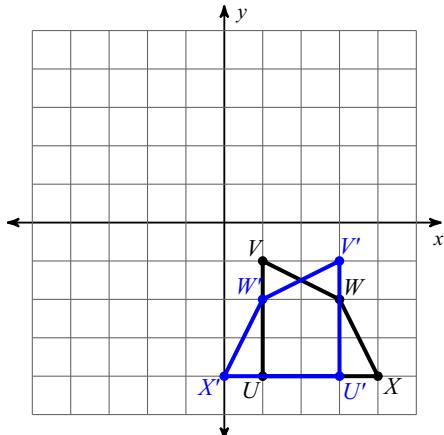
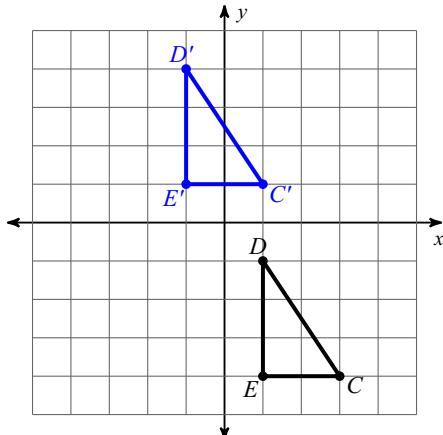


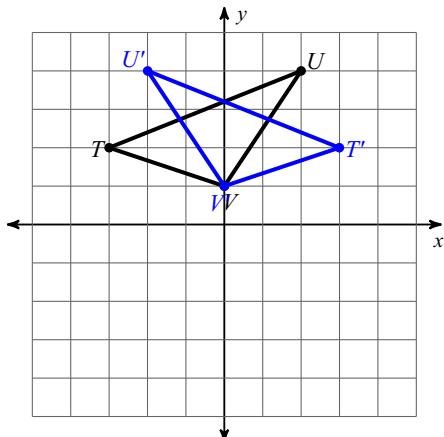
1)



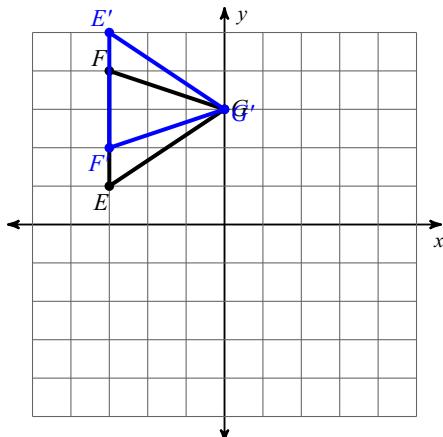
2)



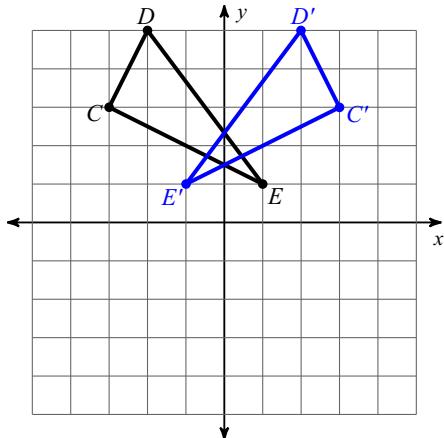
3)



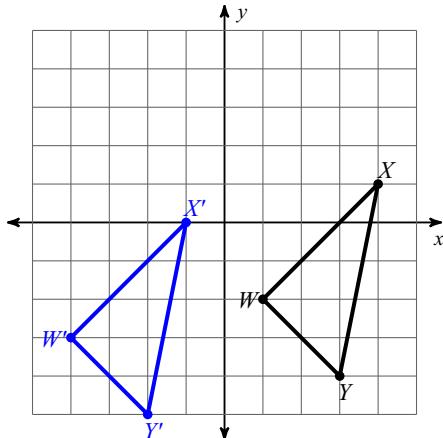
4)



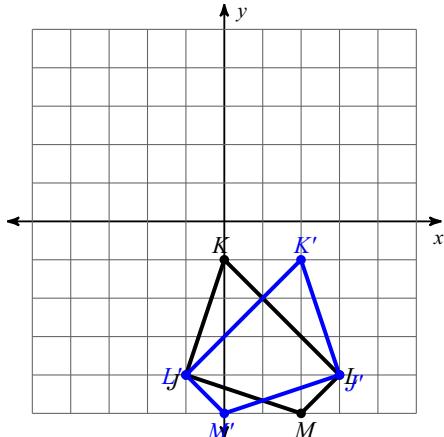
5)



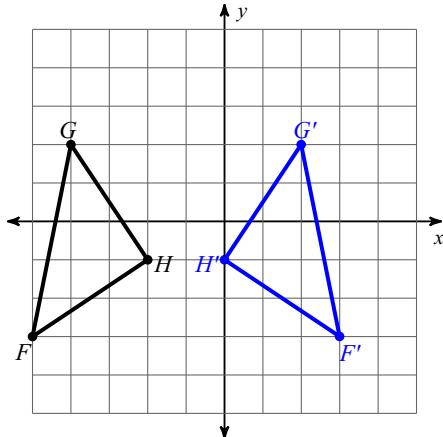
6)



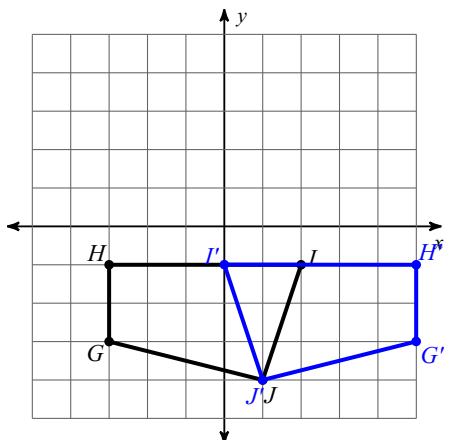
7)



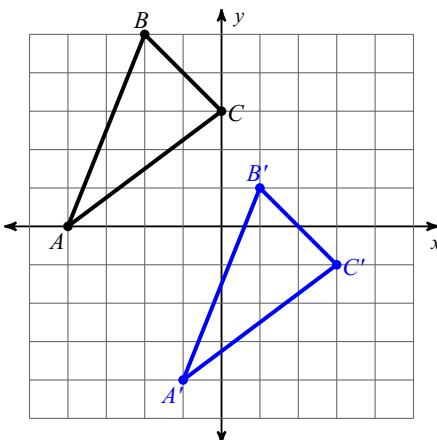
8)



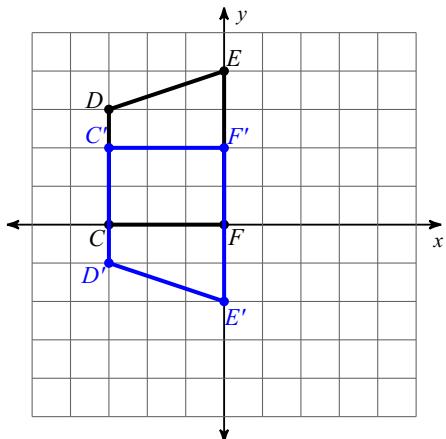
9)



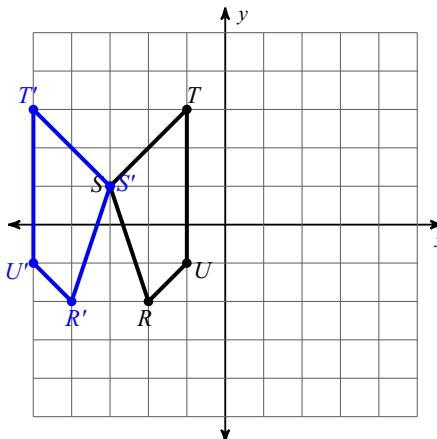
10)



11)

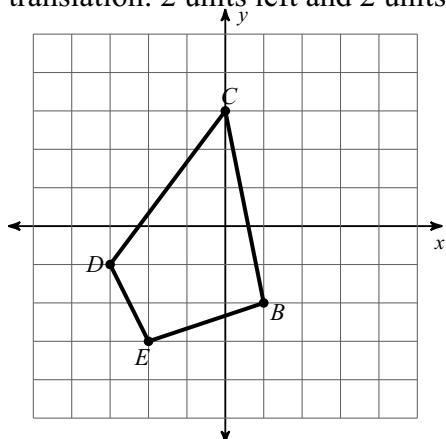


12)

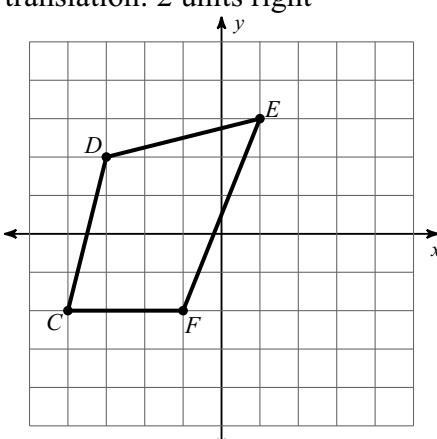


Find the coordinates of the vertices of each figure after the given transformation.

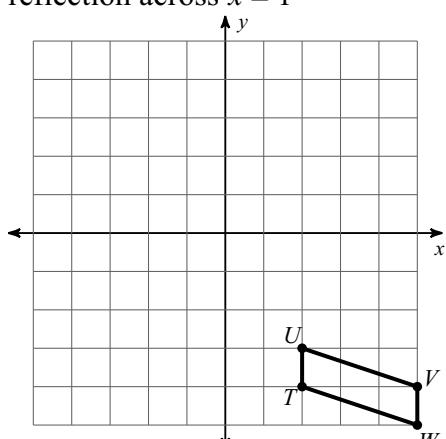
- 13) translation: 2 units left and 2 units down



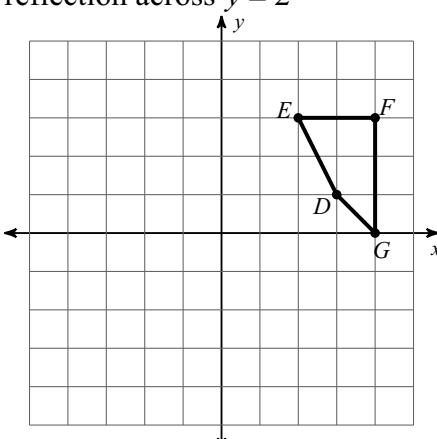
- 14) translation: 2 units right



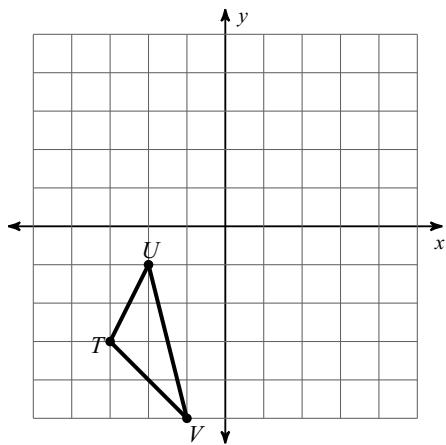
- 15) reflection across $x = 1$



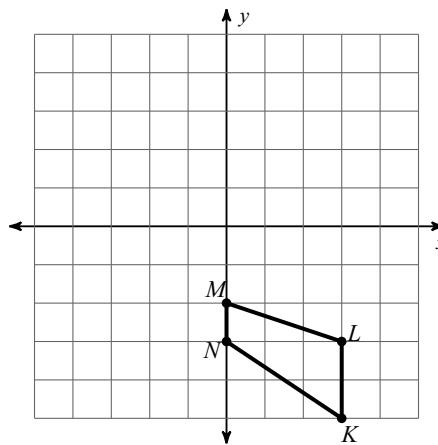
- 16) reflection across $y = 2$



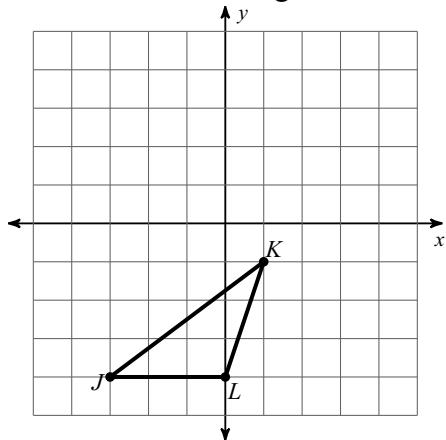
17) reflection across $x = -3$



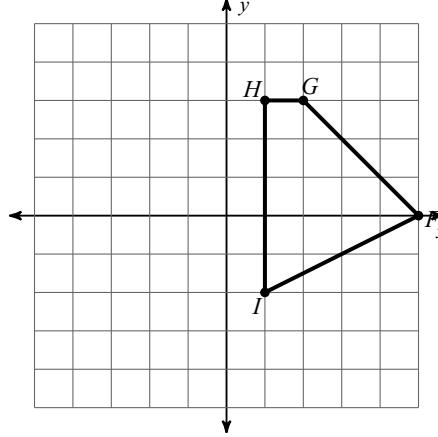
18) reflection across $x = 2$



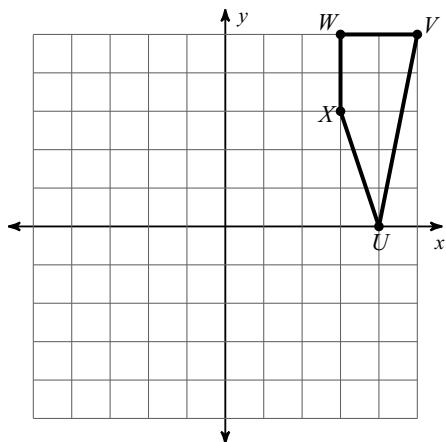
19) translation: 2 units right and 3 units up



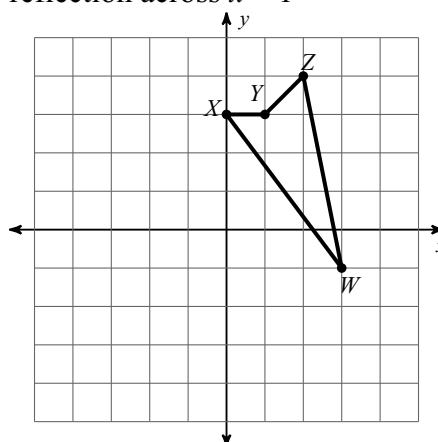
20) translation: 1 unit left and 1 unit down



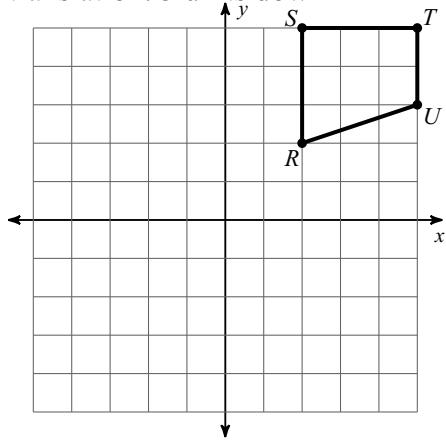
21) reflection across the x-axis



22) reflection across $x = 1$



23) translation: 3 units down



24) translation: 4 units right and 4 units up

