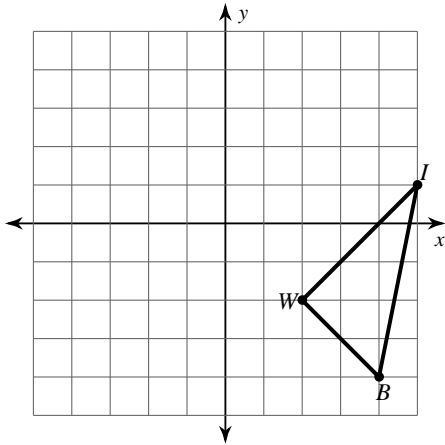
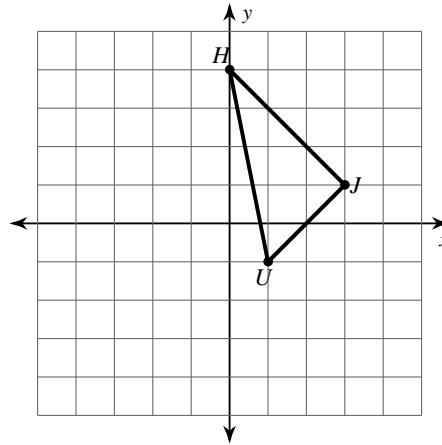


**Graph the image of the figure using the transformation given.**

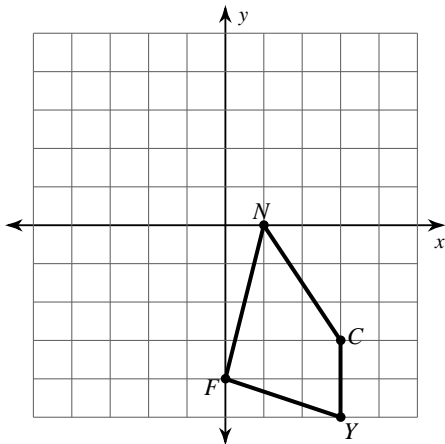
1) translation: 3 units left and 1 unit down



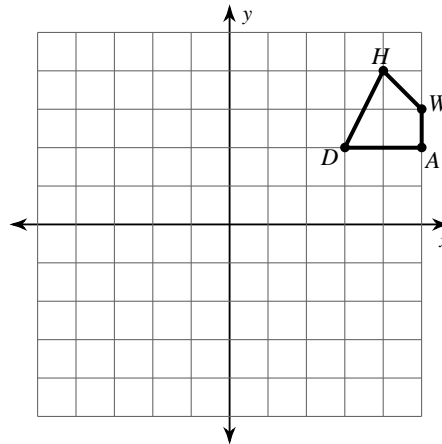
2) translation: 2 units left and 1 unit down



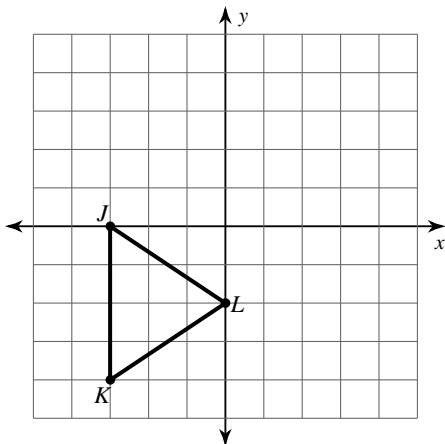
3) translation: 3 units left and 2 units up



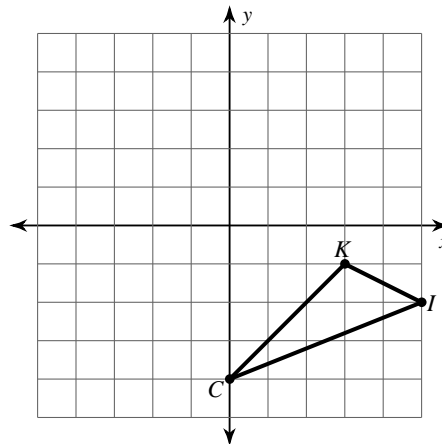
4) translation: 4 units left



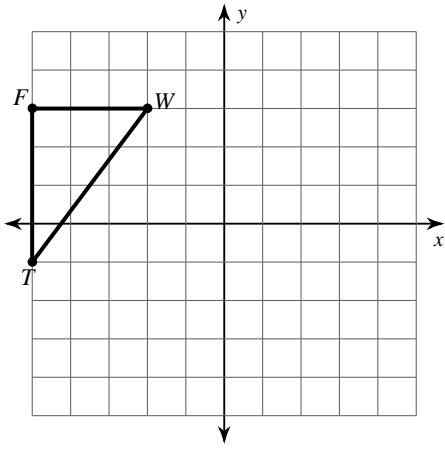
5) translation: 3 units right and 1 unit down



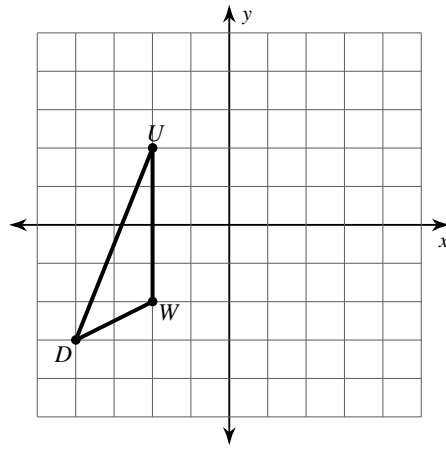
6) translation: 4 units left and 1 unit down



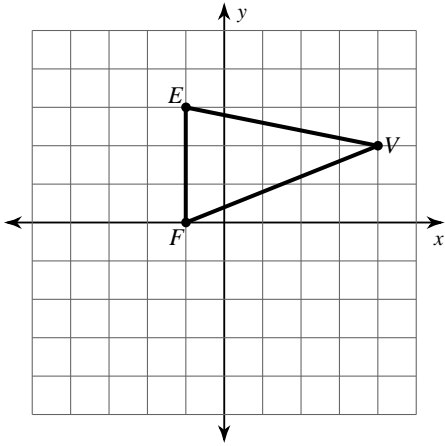
7) reflection across the y-axis



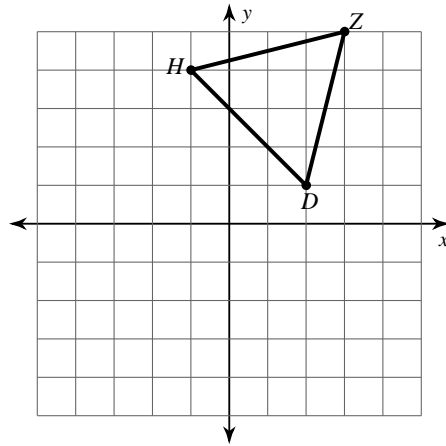
8) reflection across  $y = 1$



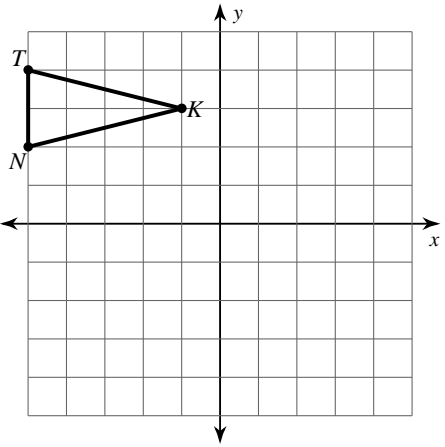
9) reflection across the y-axis



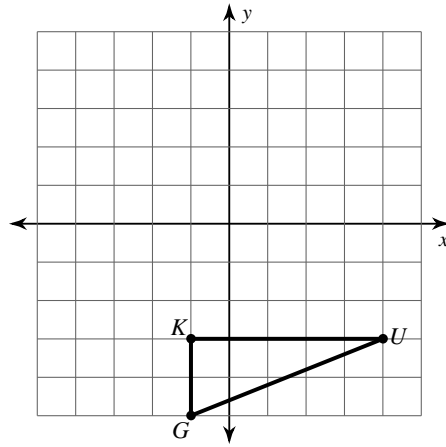
10) reflection across  $y = 3$



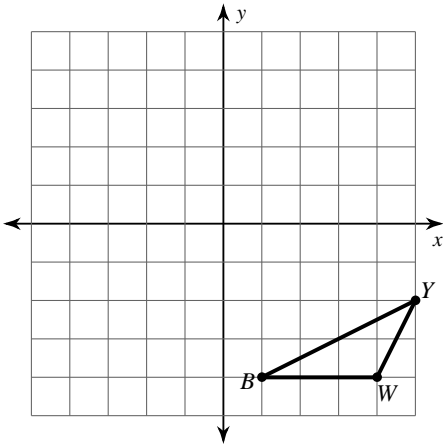
11) reflection across  $y = 2$



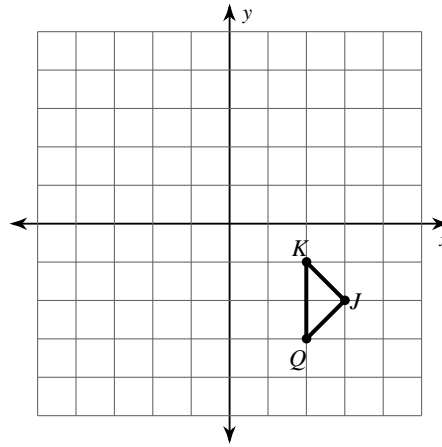
12) reflection across  $x = 2$



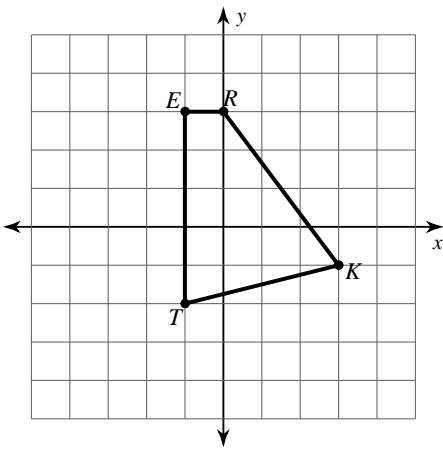
13) rotation  $180^\circ$  about the origin



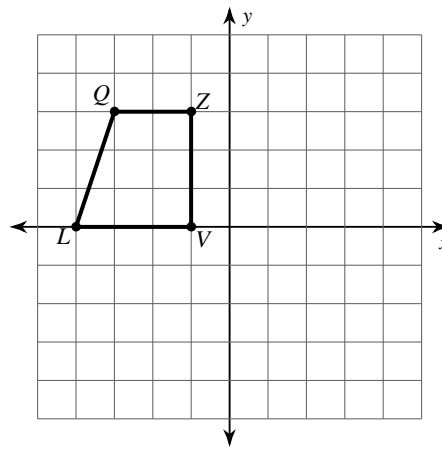
14) rotation  $180^\circ$  about the origin



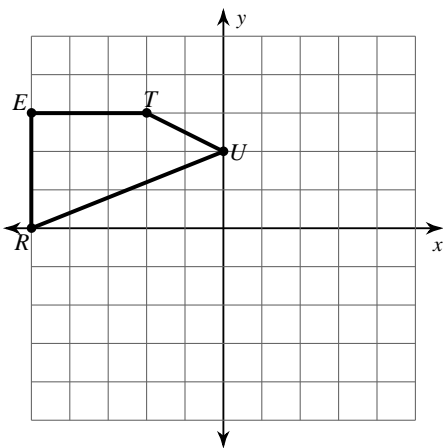
15) rotation  $90^\circ$  clockwise about the origin



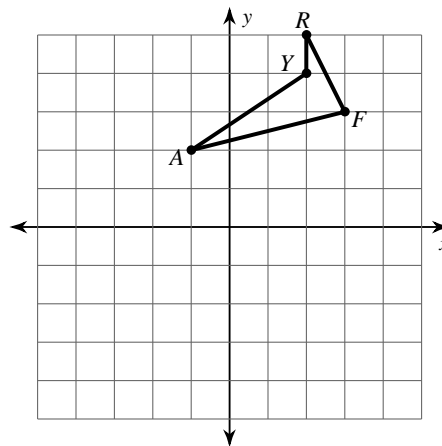
16) rotation  $180^\circ$  about the origin



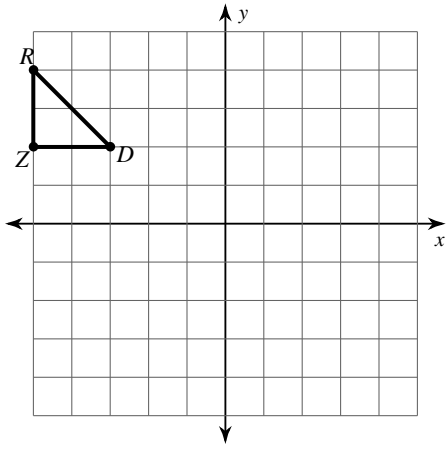
17) rotation  $90^\circ$  counterclockwise about the origin



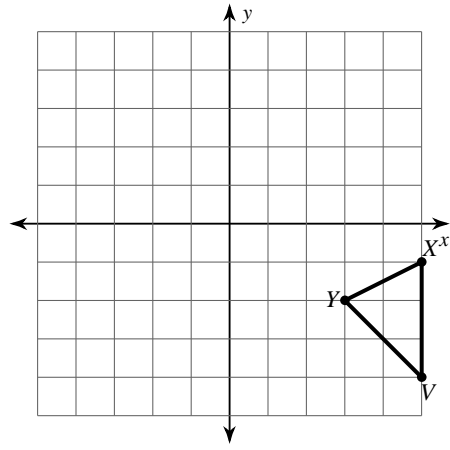
18) rotation  $180^\circ$  about the origin



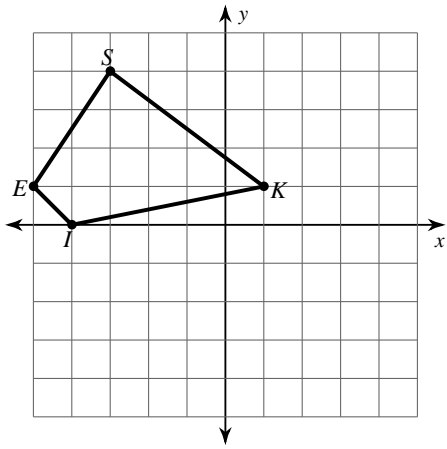
19) translation: 6 units right and 5 units down



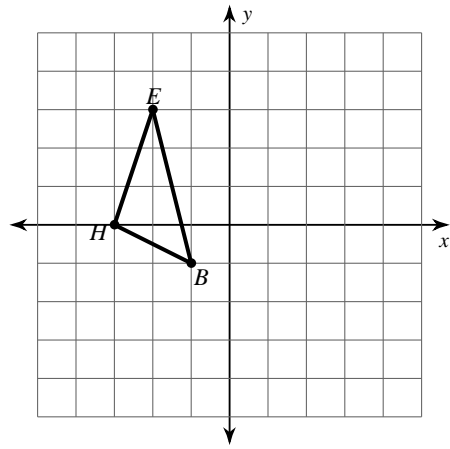
20) rotation 90° clockwise about the origin



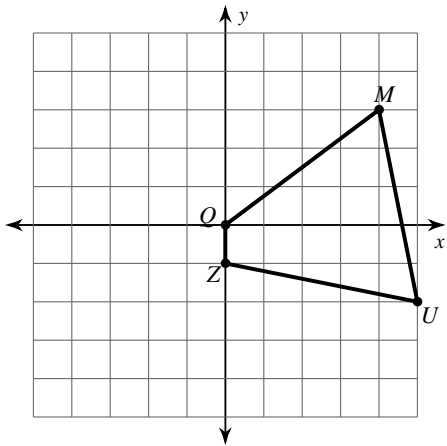
21) rotation 90° clockwise about the origin



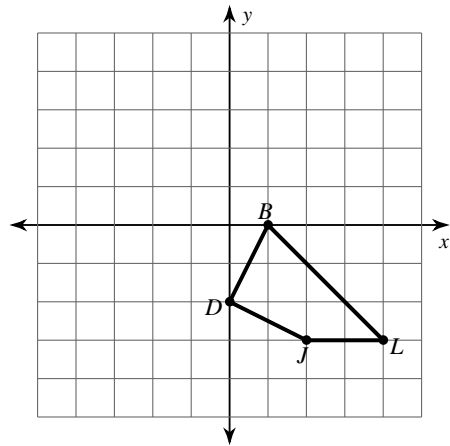
22) translation: 4 units right and 1 unit down



23) translation: 3 units left and 1 unit up

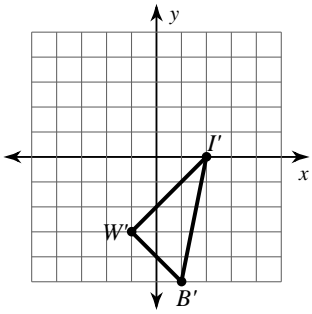


24) rotation 90° clockwise about the origin

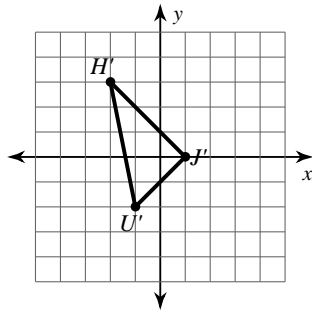


# Answers to (ID: 1)

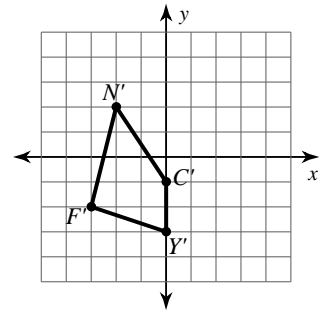
1)



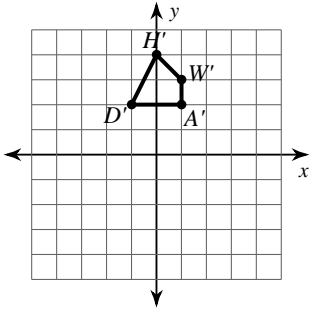
2)



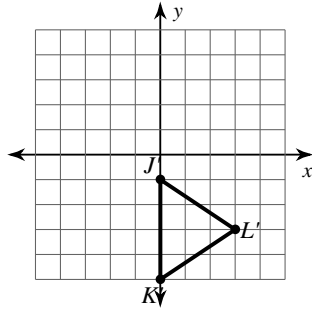
3)



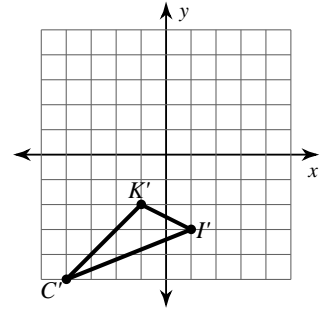
4)



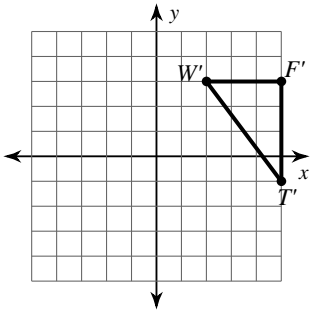
5)



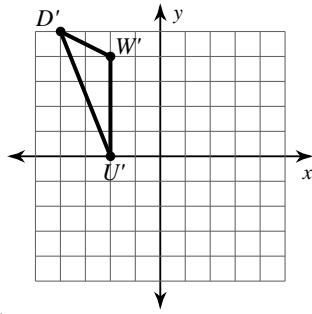
6)



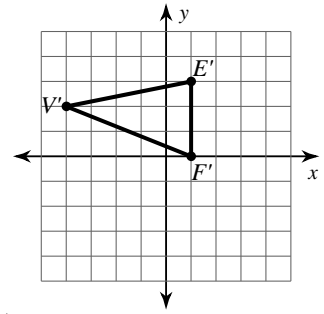
7)



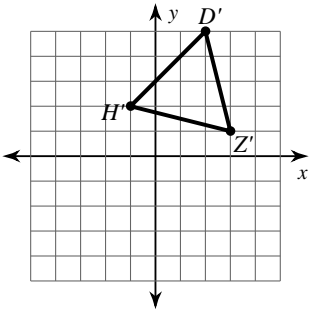
8)



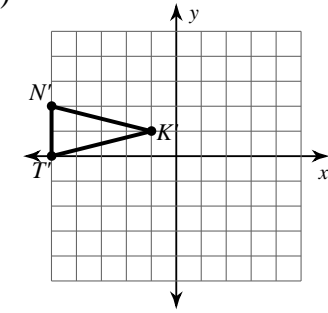
9)



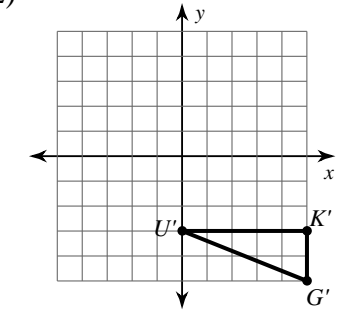
10)



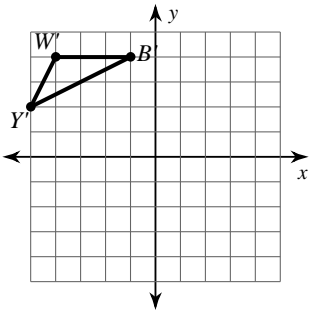
11)



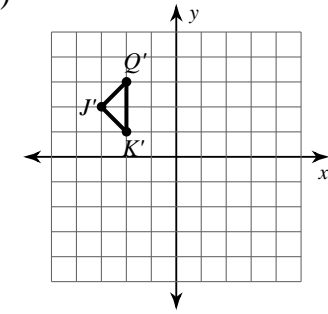
12)



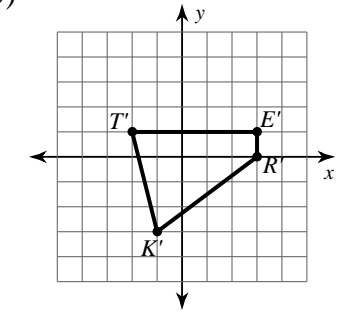
13)



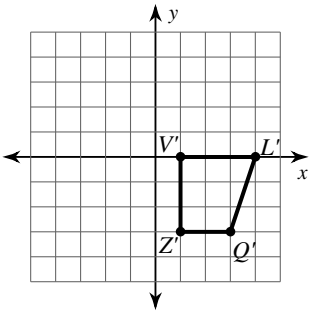
14)



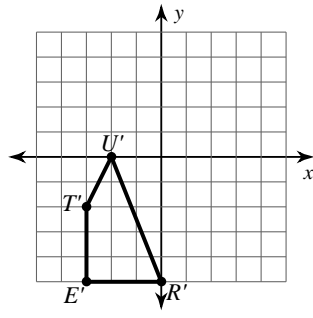
15)



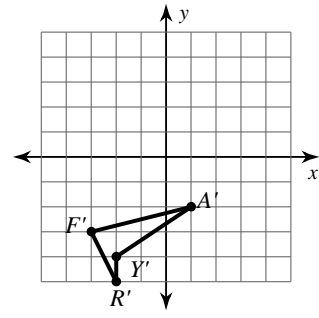
16)



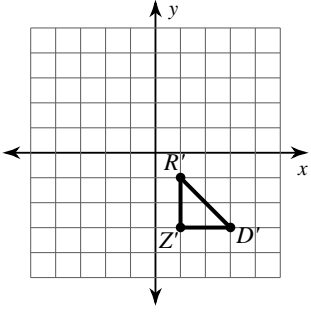
17)



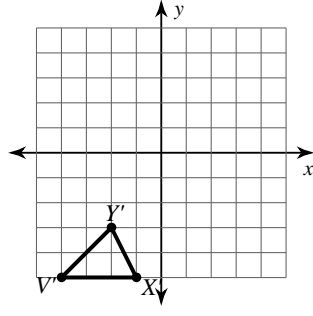
18)



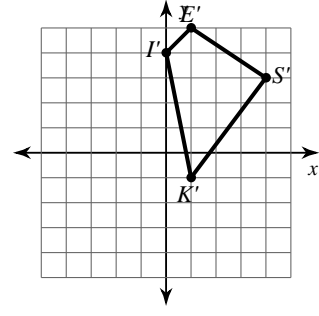
19)



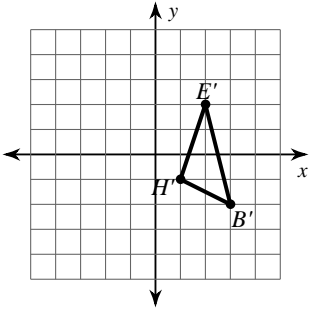
20)



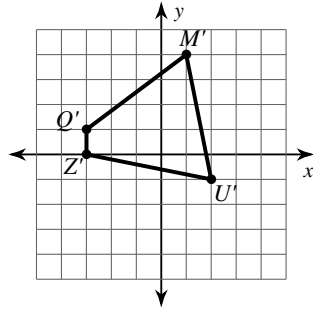
21)



22)



23)



24)

