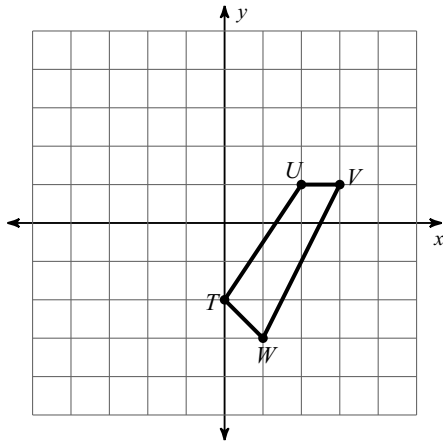


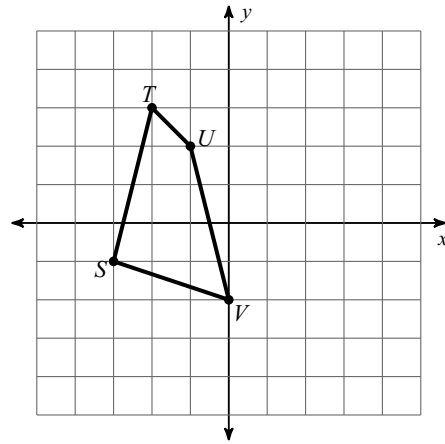
Unit 1 Review

Graph the image of the figure using the transformation given.

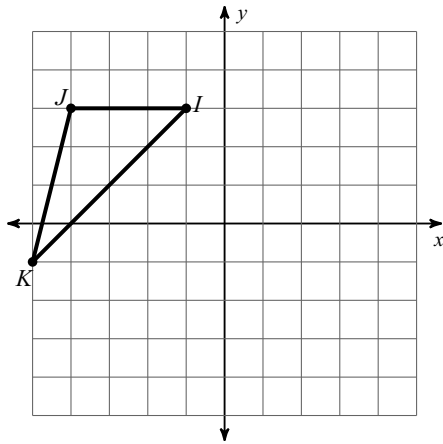
1) translation: $(x, y) \rightarrow (x - 5, y - 1)$



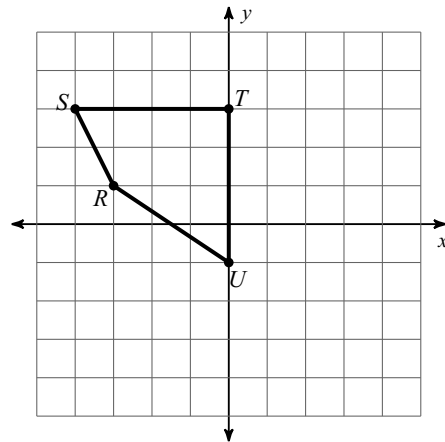
2) translation: $(x, y) \rightarrow (x + 2, y)$



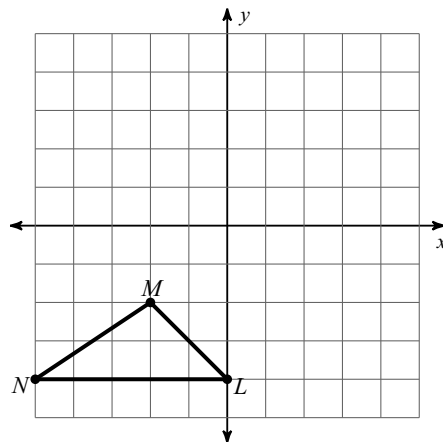
3) rotation 180° about the origin



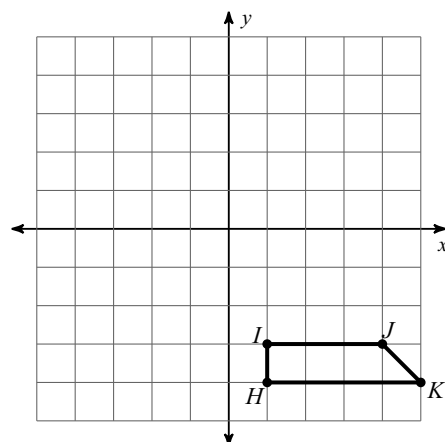
4) rotation 90° counterclockwise about the origin



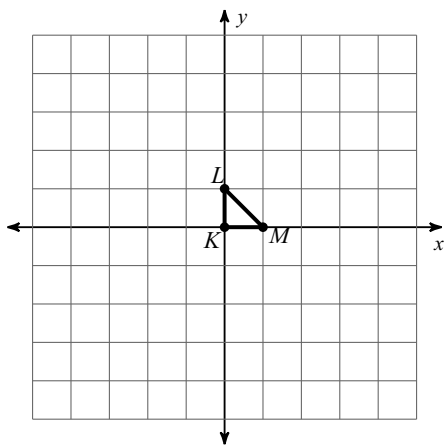
5) reflection across the x-axis



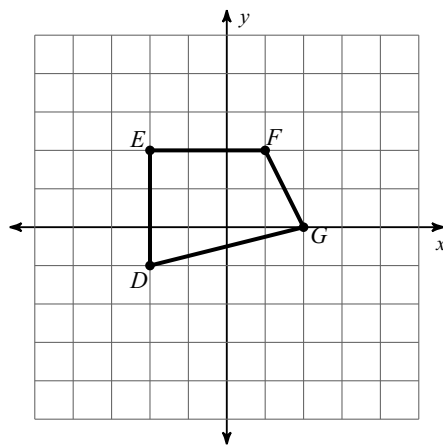
6) reflection across $x = 2$



7) dilation of 1.5 about the origin

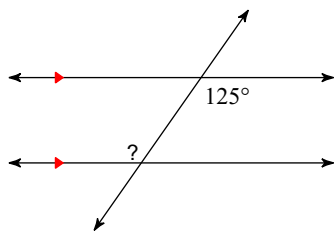


8) dilation of 2 about the origin

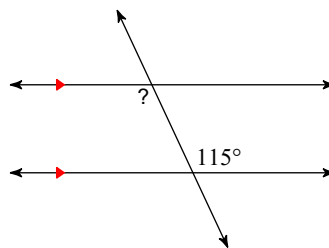


Find the measure of each angle indicated.

9)

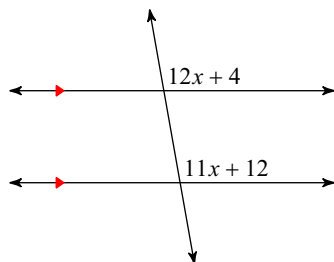


10)

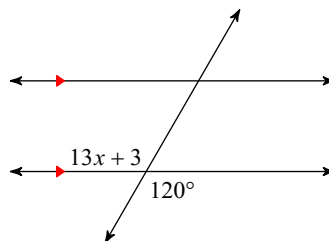


Solve for x .

11)

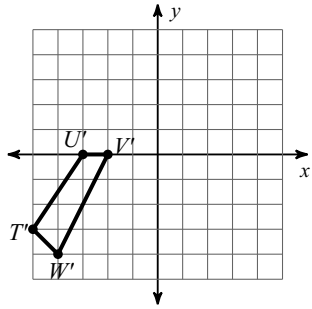


12)

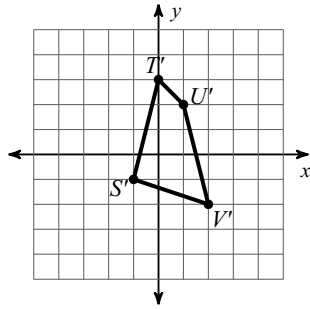


Answers to Unit 1 Review (ID: 1)

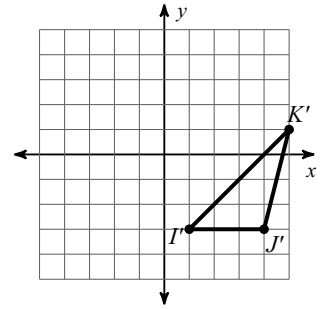
1)



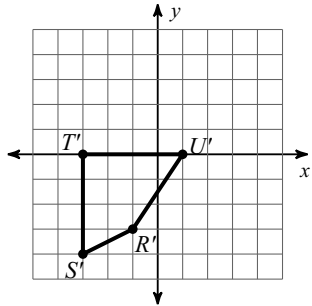
2)



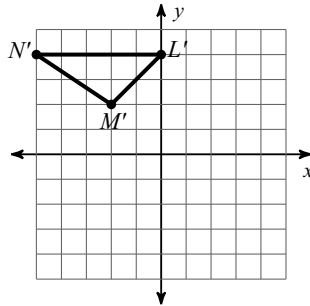
3)



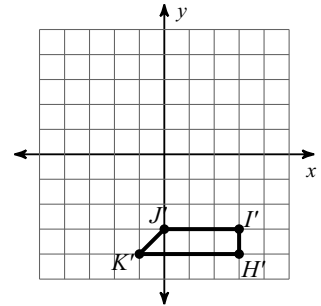
4)



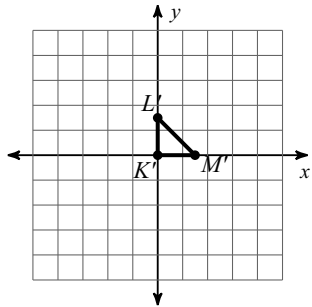
5)



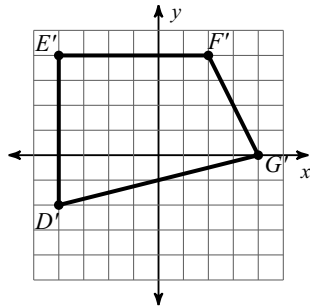
6)



7)



8)



9) 125°

10) 115°

11) 8

12) 9