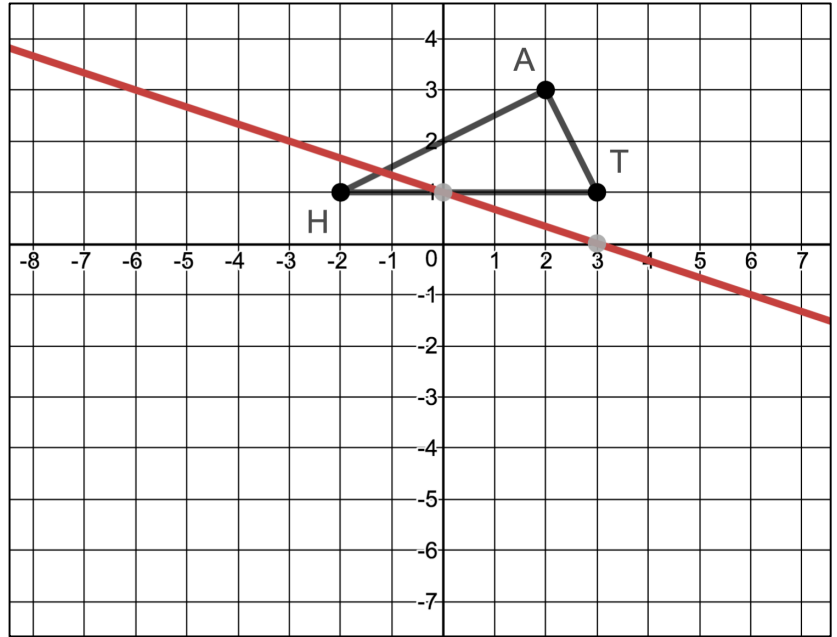


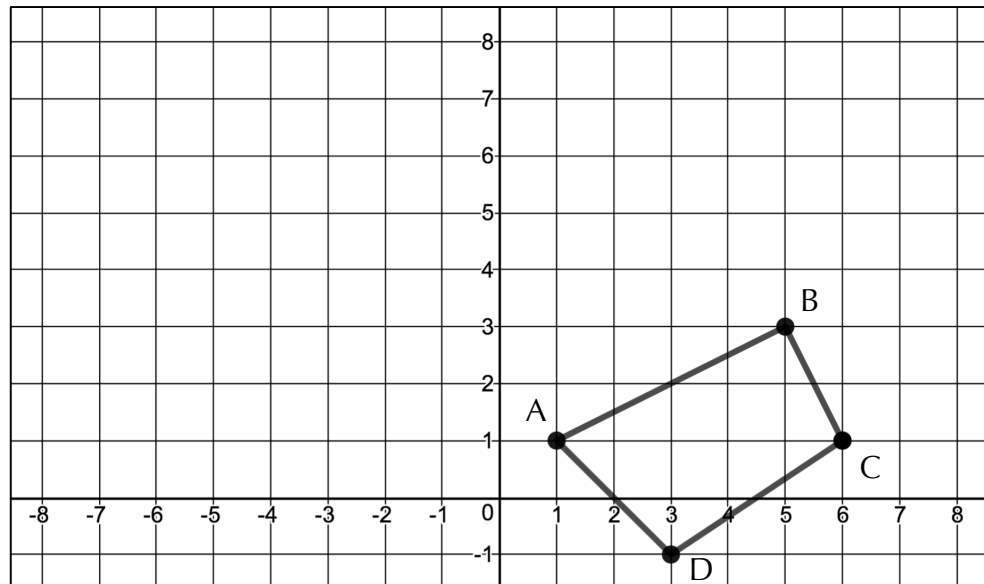
Assignment 7.5 Geometric Transformation

1. Reflect ATH over the line $y = -\frac{1}{3}x + 1$

- a. find the slope that is perpendicular to the line
- b. draw lines through each of the corners using the perpendicular slope you found
- c. measure the distance to the line of reflection to use to reflect the corners
- d. draw and label the shape

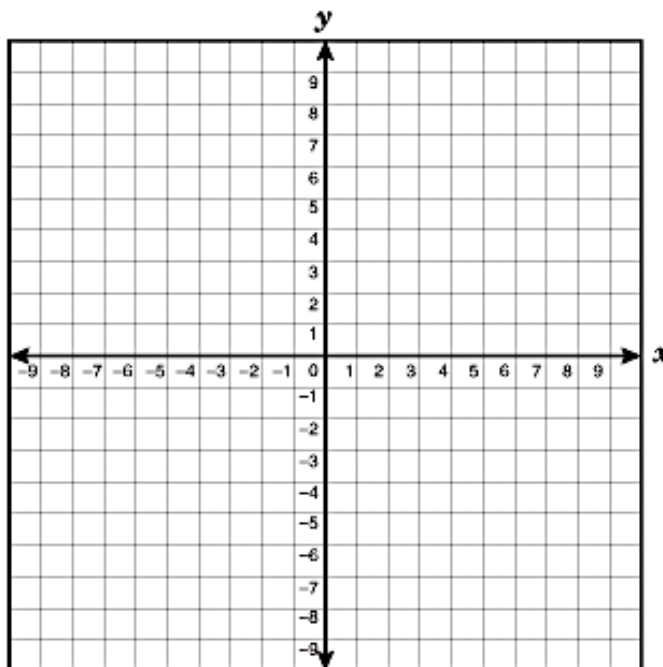


2. Reflect ABCD over the line $y = \frac{2}{3}x + 1$



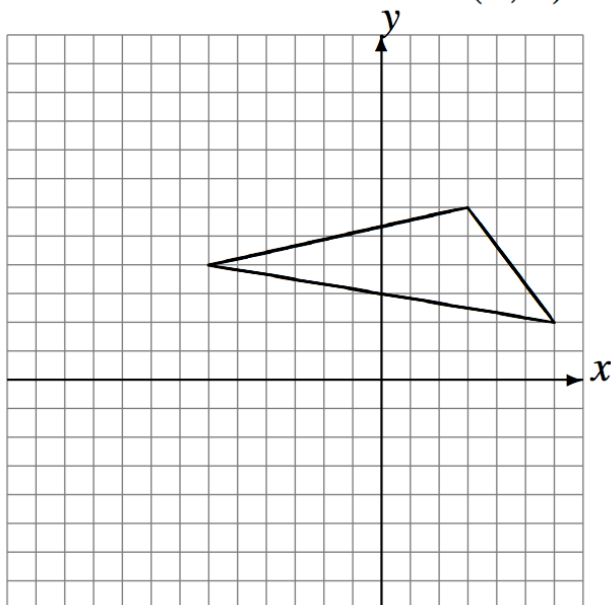
3. Reflect BEAV over the $y = -2x - 1$

B: (3, 2) E: (1, -3) A: (-2, 0) V: (1, 3)



Refresh your memory

4. Rotate 90° counterclockwise about $(-4, -2)$.



5. Rotate 90° counterclockwise about $(-5, -3)$.

