

1. Graph the linear function $y = \frac{1}{2}x + 1.5$.
2. Plot the following points: $(-11, -4)$, $(-5, -1)$, $(3, 3)$, and $(-3, 0)$.
3. Draw a line segment from each of the plotted points to the x -axis so that the line is perpendicular with the x -axis. (You should have created three right triangles.)
4. Find at least two ways to justify that the three triangles are similar.