SLOPE OF A LINE #2

Directions: For the problems below, find the slope of the line between each of the two given points. Write your answer in simplest form. To do this without graphing the points, use the formula:

\[ \text{slope} = \frac{y_2 - y_1}{x_2 - x_1} \]

Examples:
1. \((1,2)\) and \((3,4)\) = \(\frac{4 - 2}{3 - 1} = \frac{2}{2} = 1\)
2. \((1,0)\) and \((8,10)\) = \(\frac{10 - 0}{8 - 1} = \frac{10}{7}\)

1) \((2,6)\) and \((6,15)\) = ________________
2) \((1,5)\) and \((4,11)\) = ________________

3) \((3,6)\) and \((7,13)\) = ________________
4) \((0,5)\) and \((5,17)\) = ________________

5) \((0,5)\) and \((8,8)\) = ________________
6) \((11,4)\) and \((15,7)\) = ________________

7) \((1,9)\) and \((6,11)\) = ________________
8) \((7,5)\) and \((13,10)\) = ________________

9) \((11,9)\) and \((12,9)\) = ________________
10) \((0,0)\) and \((7,8)\) = ________________