

Equations of lines, slopes, and intercepts

$$y = mx + b$$

1. Find the equation of the line between the points $(3, -11)$ and $(-1, 13)$. _____

2. Find the equation of the line between the points $(-2, 1)$ and $(2, -7)$. _____

3. Find the equation of the line between the points $(2, 6)$ and $(-1, -6)$. _____

Answers:

1. $y = -6x + 7$

2. $y = -2x - 3$

3. $y = 4x - 2$