

Linear Equations

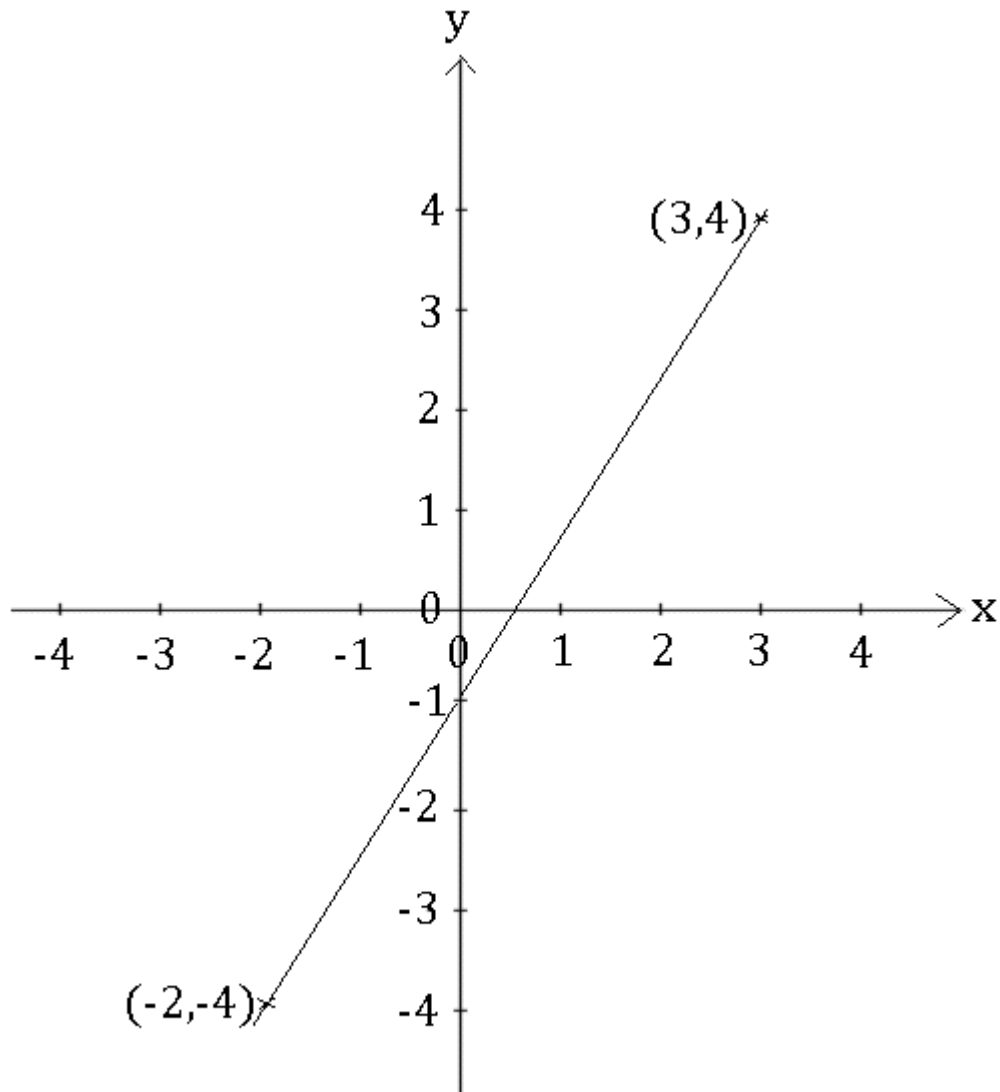
1. Draw axes such that $-5 \leq x \leq 5$ and $-10 \leq y \leq 45$

If $y = 5x + 17$

- a. What is y if $x = -5$?
- b. What is y if $x = 5$?

Plot these points and use them to draw the graph of the equation $y = 5x + 17$

2.



- a. What is the intercept with the y axis?
- b. What is the gradient of the line?
- c. What is the equation of the line?