Name _____ Date _____

Graphing Equations - Guided Lesson Explanation

Explanation # 1

The x-intercept where y = 0, and solve for the x-intercept.

x + y = 7

x + 0 = 7 Plug in y = 0

x = 7 Simplify

So coordinates are (7, 0).

The y-intercept, where x = 0.solve for the y-intercept.

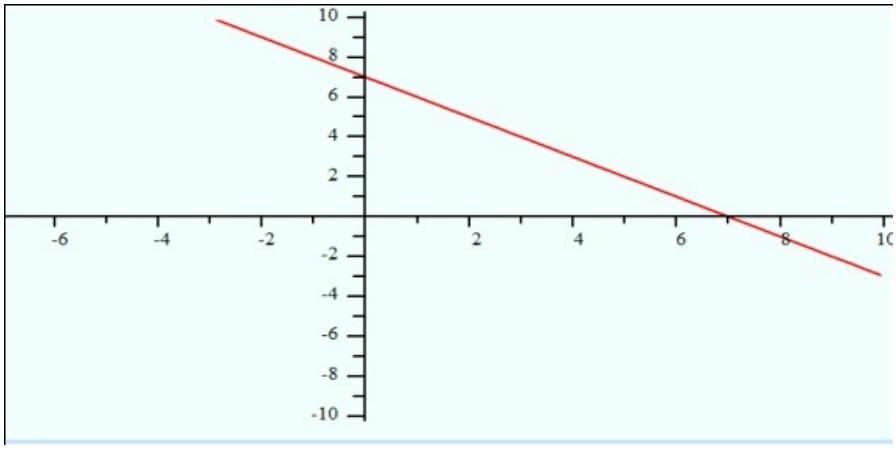
x + y = 7

0 + y = 7 Plug in x = 0

y = 7 Simplify

So coordinates are (0, 7).

Mark a line between the two intercepts.



Name _____ Date _____

Explanation#2

The x-intercept where y = 0, and solve for the x-intercept .

x + y = 9

x + 0 = 9 Plug in y = 0

x = 9 Simplify

So coordinates are (9, 0).

The y-intercept, where x = 0.solve for the y-intercept.

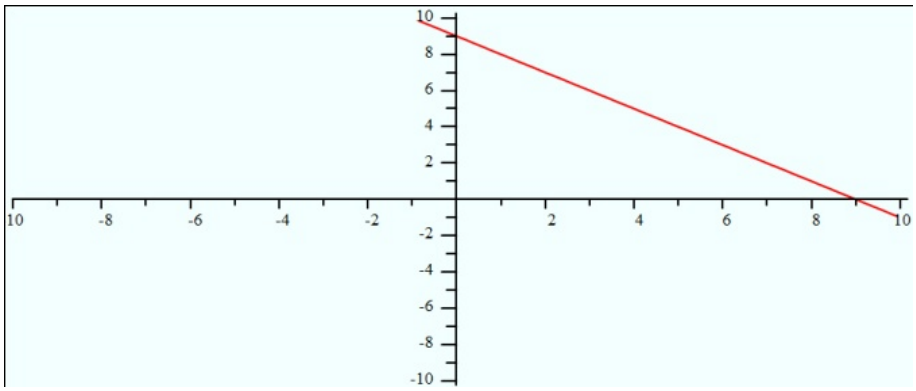
x + y = 9

0 + y = 9 Plug in x = 0

y = 9 Simplify

So coordinates are (0, 9).

Mark a line between the two intercepts.



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Explanation # 3

The x-intercept where y = 0 and solve for the x-intercept .

x + y = 8

x + 0 = 8 Plug in y = 0

x = 8 Simplify

So coordinates are (8, 0).

The y-intercept, where x = 0 solve for the y-intercept .

x + y = 8

0 + y = 8 Plug in x = 0

y = 8 Simplify

So coordinates are (0, 8).

Mark a line between the two intercepts.