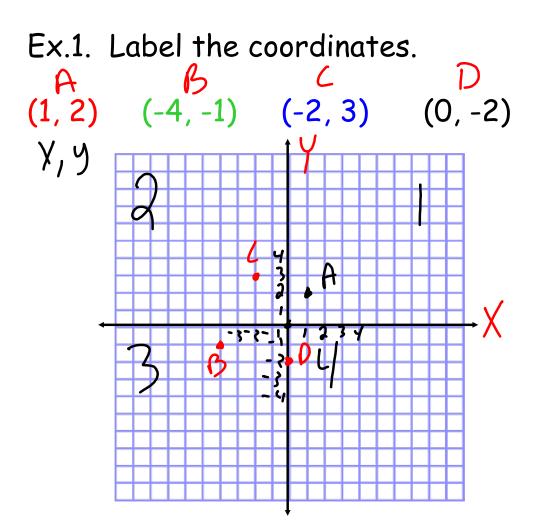
THE CARTESIAN PLANEb29/16

(2, 4)

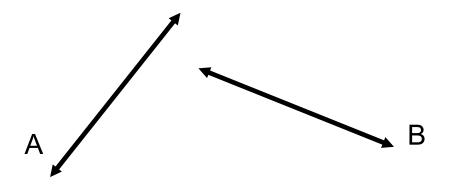
*A point is given as (x,y)

*x is first, on horizontal axis

* y is second, on vertical axis



The Slope of a Line



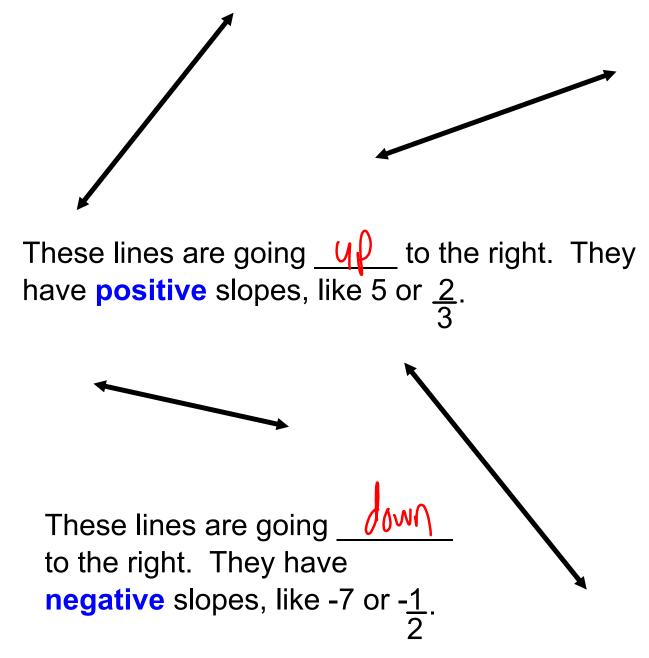
Lines are used to keep track of lots of info -- like how much money a company makes every year or the amount that you still owe your parents after paying them back weekly.

Just off the top of your head, which of the lines above would you want to describe the profits of <u>your</u> company?

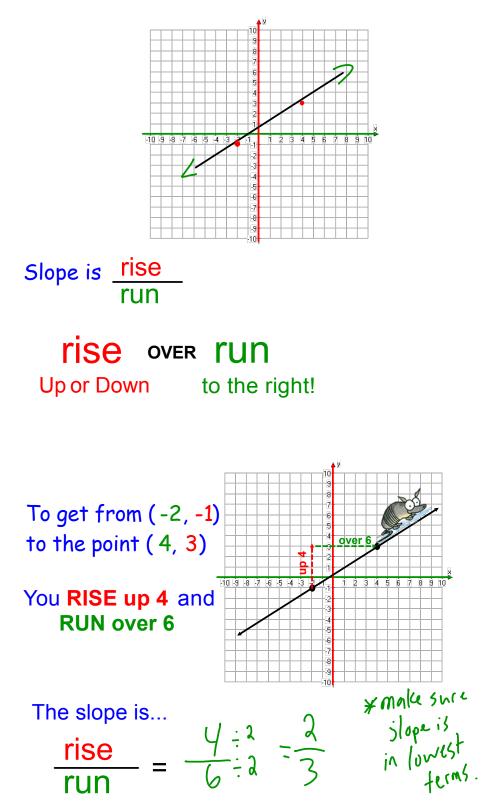
Which line would you want showing the amount <u>you</u> still owe your parents?

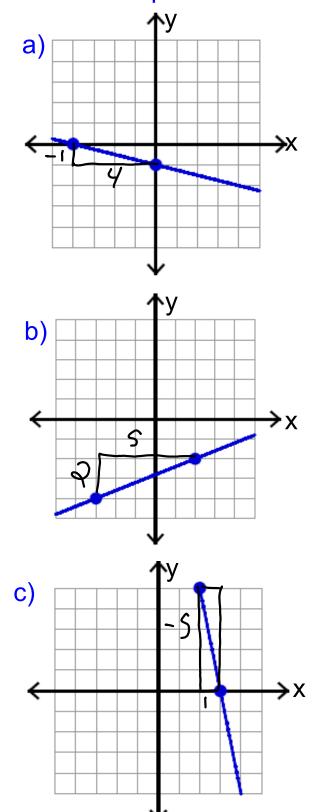
The direction the line tilts tells you important information about the line.





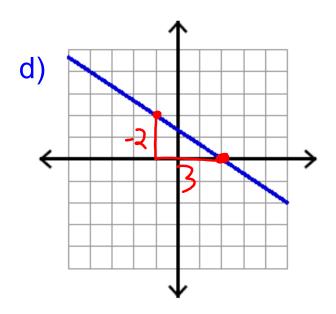
Graph the points (-2, -1) and (4, 3) and then draw the line.

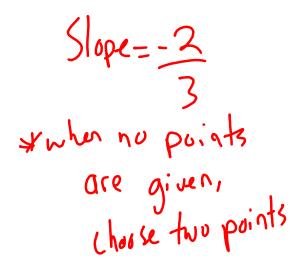


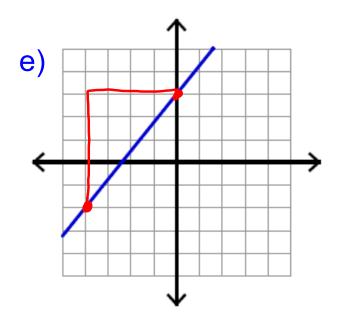


Find the slopes of the lines.

Slope=rise run = 2 5







Slope= rile inn = 5

February 29, 2016

Homework:

Finding the Slope of Lines Handout Don't do #8 and 14 Page 106 #1, 3, 7, 10

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