

May 31, 2018

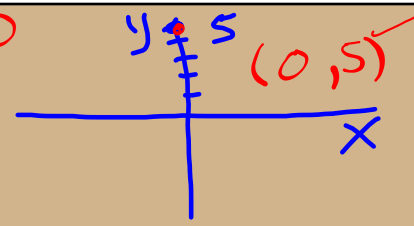
Week #24
Mini-Lesson #2

Matching Equations to graphs

Jan 10-2:48 PM

$y = 3x + 5$

$y = 10$
 $x = 3$



Called the variable term

- the bigger the value, the steeper the line
- if the value is negative, the line will be going downwards from left to right

(slope)

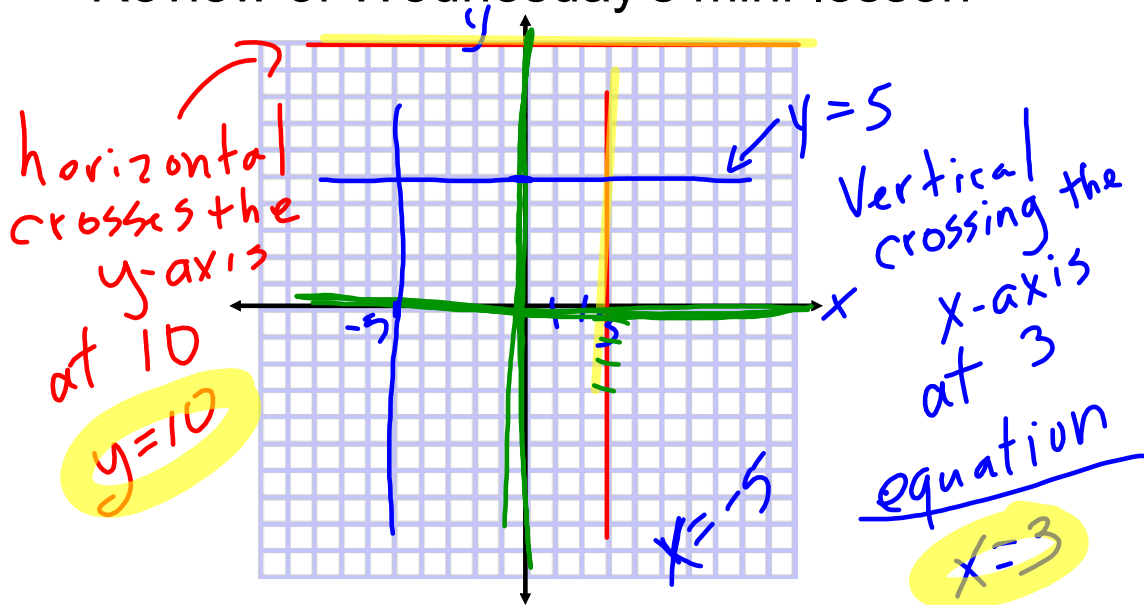
Called the constant term

- this is where the line will cross the y-axis

(y-intercept)

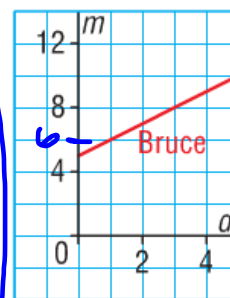
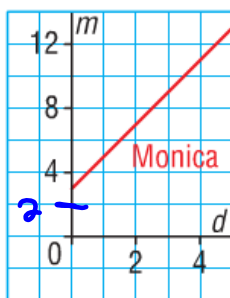
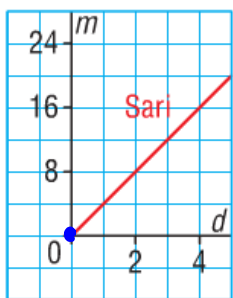
Dec 20-9:07 PM

Review of Wednesday's mini-lesson



Nov 21-2:16 PM

Bruce, Monica, and Sari participate in a 5-km walk for charity. Each student has a different plan to raise money from her or his sponsors. These graphs show how the amount of money a sponsor owes is related to the distance walked.

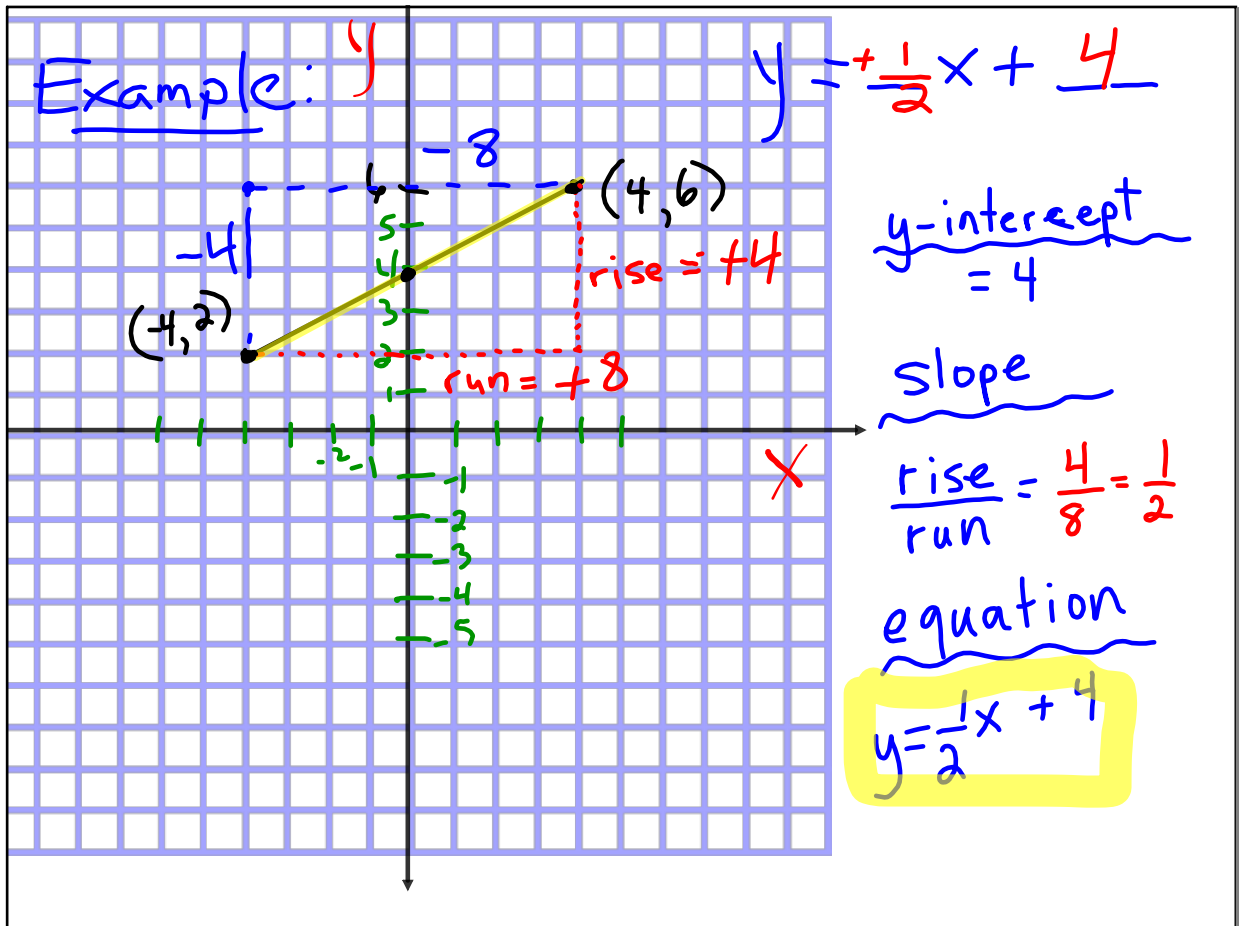


- Match each graph with its equation: $m = 2d + 3$ $m = 4d$ $m = d + 5$
 Explain your strategy.
- Describe each person's sponsorship plan.

How could you describe Sari's sponsorship plan? (For every kilometre Sari walks, she raises \$4.)

Look at the graph for Monica. How can you describe her sponsorship plan? (Monica raised \$3 without even walking. She earns an additional \$2 for every kilometre she walks.)

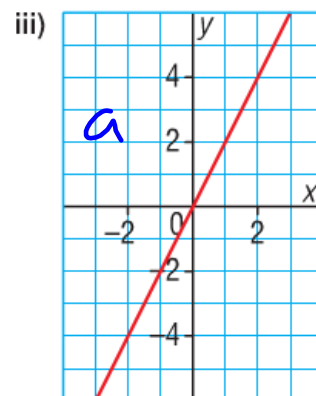
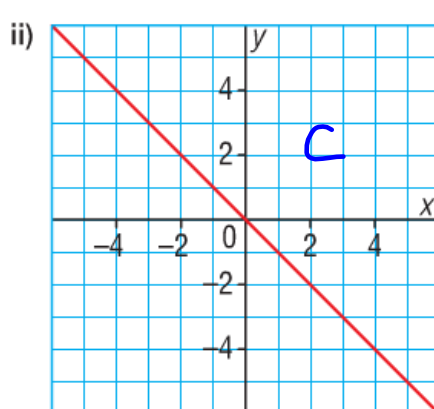
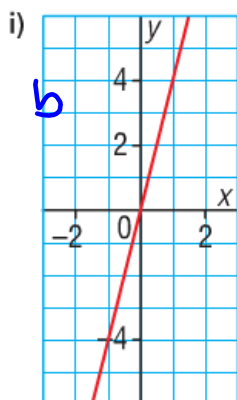
Jan 13-8:45 AM



Nov 21-11:11 AM

3. Match each equation with a graph below.

- a) $y = \underline{2x}$ b) $y = \underline{4x}$ c) $y = -x$



Dec 20-9:14 PM