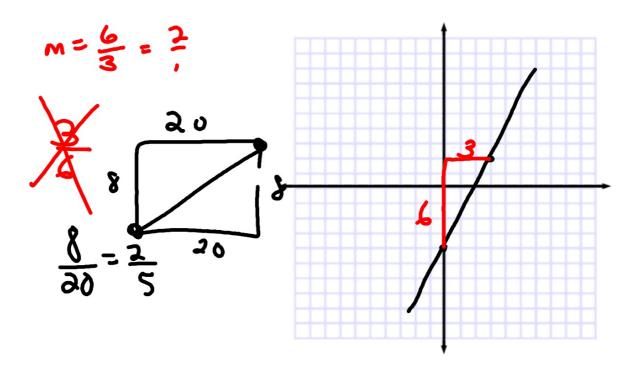
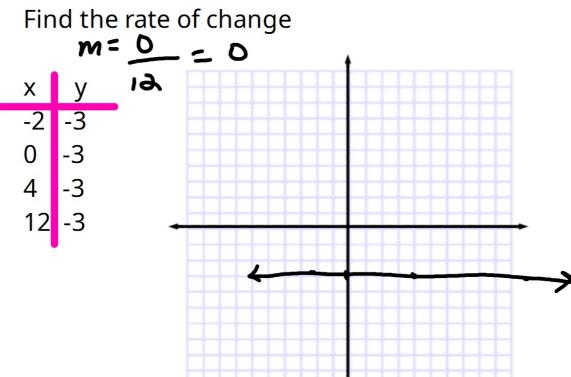
Algebra 1 Review for Midchapter test

MCT 3.1-3.4 is tomorrow

Example 3

Find the slope of the line that passes through (0, -4) and (3, 2).

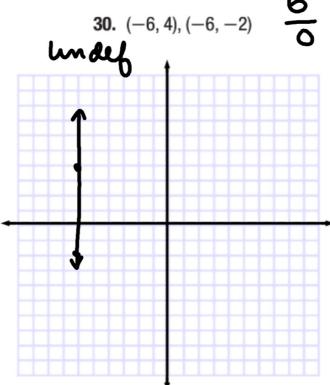




Find the slope of the line that passes through each pair of points.

29. (0, 5), (6, 2)

1



(2002 .50) .50-.15 .35 31. Photos (2009 . 15) 2002-2009 -7 The average cost of online photos decreased

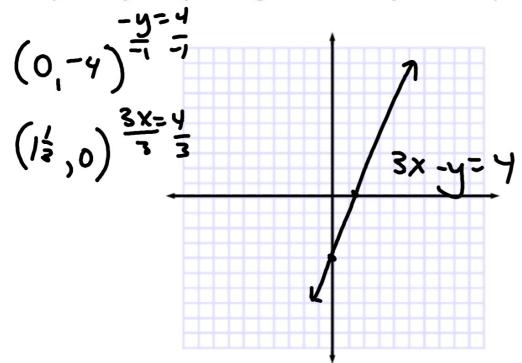
The average cost of online photos decreased from \$.50 per print to \$.15 per print between 2002 and 2009. Find the rate of change in the cost. Explain what it means.

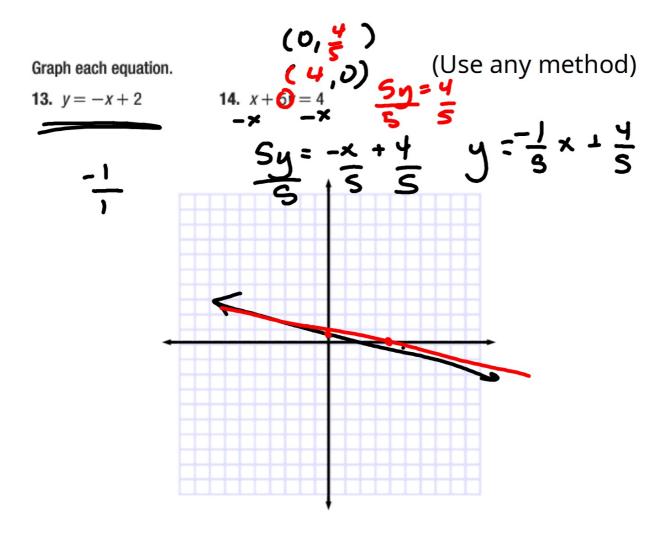
cost. Explain what it means.

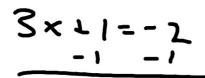
$$M = \frac{-.35}{7} = \frac{-.0.05}{7}$$

Ex. 1
$$-9 = \frac{4}{3} = \frac{3x}{3} = \frac{4}{3}$$

Graph 3x \bigcirc =4 by using the x-and y-intercepts.

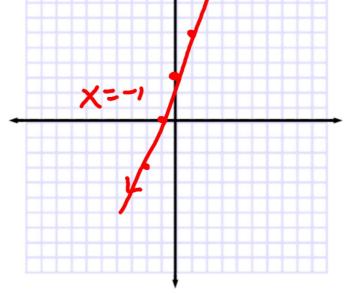


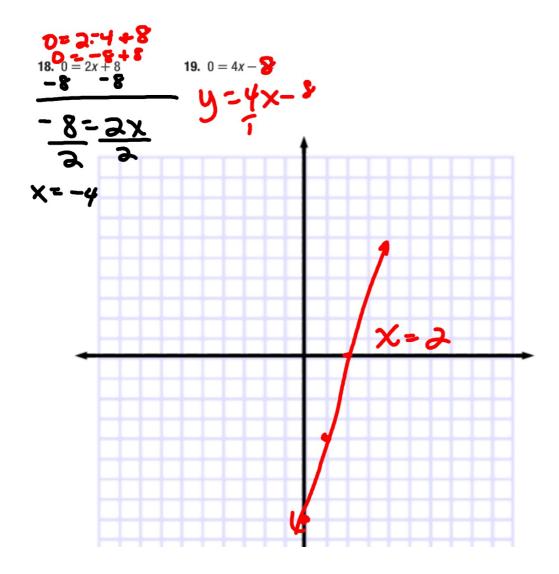


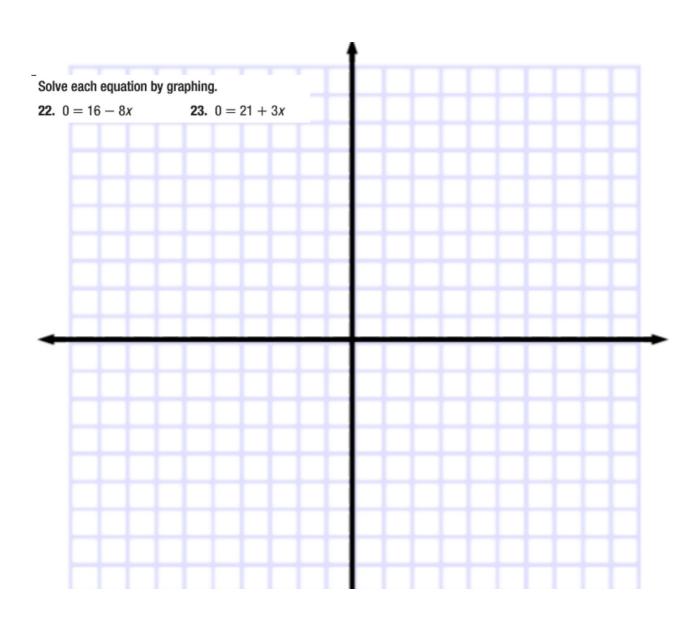


$$\frac{3x = -3}{3}$$

$$X = -1$$







24.
$$-4x - 28 = 0$$

25.
$$25x - 225 = 0$$

26. FUNDAISM: Sean's class is selling boxes of popcorn to raise money for a class trip. Sean's class paid \$85 for the popcorn, and they are selling each box for \$1. The function y = x - 85 represents their profit y for each box of popcorn sold x. Find the zero and describe what it

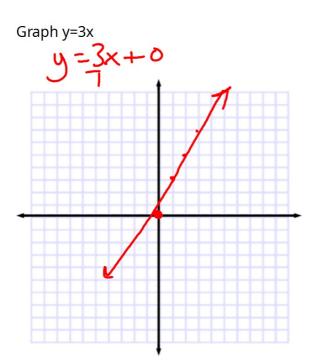
means in this situation.

Y varies directly as x.

Y=12 when x=8.

Write an equation relating x and y.

What is the value of y when x=44?



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