

October 17- bell ringer

Find the slope.

$$① \left(-\frac{2}{3}, -\frac{3}{4}\right) \left(-\frac{1}{4}, -\frac{1}{3}\right)$$

$$2) (0.2, -0.3) (-0.03, -0.12)$$

Slope-intercept form:

$$y=mx+b$$

m=

b=

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Learning target:

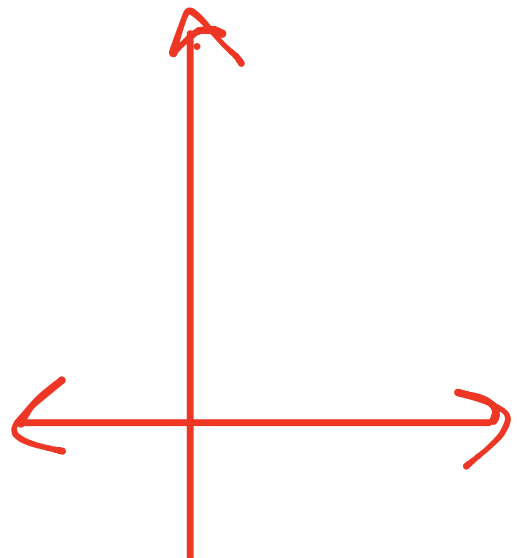
You can write the equation of a line in slope-intercept form.

Slope formula:

What is the y-intercept of a linear equation?

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1.

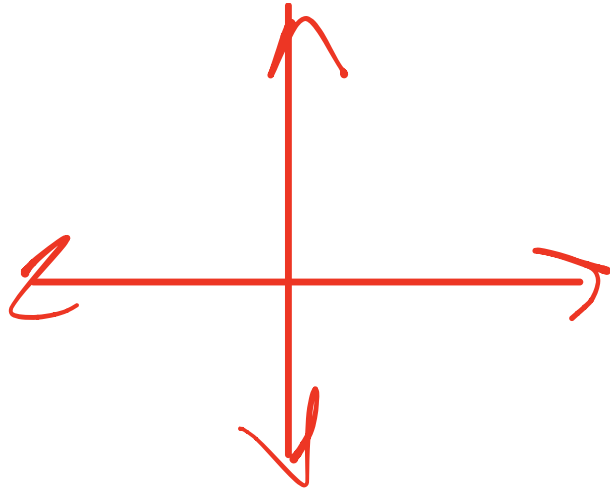




$$7) -3x + 7y = 21$$

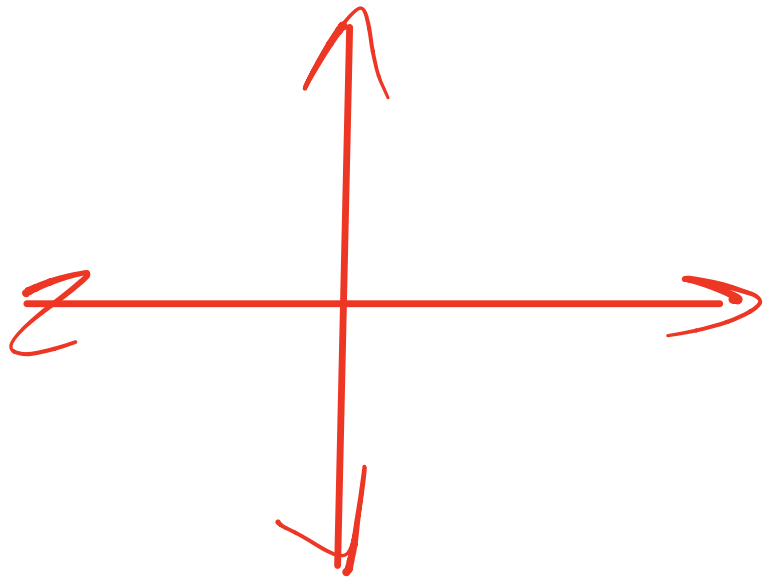
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91].



Graph:

$$x = 2$$



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11)

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$$1) (3, -3) \quad m=3$$

$$5) (4, -3)(2, 3)$$

$$27) (6, 4) \quad m = -\frac{3}{4}$$

Write an equation in slope-intercept form for the line that passes through the given points.

$$(4, -2) \quad (6, 3)$$

Assignment

Q. 220 (12, 14, 18, 20, 24)

Q. 229 (2-20 E, 26, 28, 30)