Algebra 1
Practice problems
—Quiz today 4.3-4.4

Ch. 4 MCT 4.1-4.4 Fri. whiteboards

Example 1

Write an equation of a line in slope-intercept form with slope -5 and y-intercept -3. Then graph the equation.

$$y = mx + B$$

$$y = -5x + -3$$

Example 2

Write an equation of the line that passes through (3, 2) with a slope of 5.

$$y = m \times + B$$

$$\lambda = 5.3 + B$$

$$\lambda = 15 + B$$

$$15 + B$$

$$13 = B$$

Write an equation of the line that passes through the given points.

$$m = \frac{3}{3} = 1$$

$$y - \lambda = 1 (x - 5)$$

$$13 = \lambda \cdot 1 + B$$

$$y = 2x + 11$$

$$13 = \lambda \cdot 1 + B$$

$$-\lambda = 2$$

$$-\lambda = 2$$

$$y + 13 = \lambda(x - 1)$$

$$y - 3 = \lambda(x + 4)$$

$$y - 3 = \lambda(x + 4)$$

14. Write an equation in point-slope form for the line that passes through the point (8, 3), m = -2. (Lesson 4-3)

16. Write y + 4 = -7(x - 3) in slope-intercept form.

(Lesson 4-3)

23.
$$(0, -3)$$
; $y = -2x + 4$ parallel $m = -2$

$$-3 = -2.0 + B$$

$$-3 = 0 + B$$

$$+0 + 0$$

$$-3 = B$$

$$y = -2x + -3$$

Standard form: $A \times + By = C$

- in order
- integers

$$\frac{1}{3} - 2x + y = 5$$

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$$y = \sqrt{\frac{1}{2}x} + 3$$

$$-\frac{1}{2}x$$

$$-\frac{1}{$$