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.

Example 2

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

$$y-y_1 = m(x-x_1)$$

 $y-x=5(x-3)$

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

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

$$\frac{y-3=-2(x-8)}{y-3=-2x+16}$$

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

(Lesson 4-3)

$$\frac{y+y=-7x+21}{y=-7x+17} - 4x + 13y = C$$

$$\frac{y-y=-7x+17}{-4x} - 4x - 6$$

$$\frac{7x+y=17}{-7x+y=17} - \frac{4x+y=-6}{-1} = 6$$

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

parallel

$$-2. y = -2.5$$

$$-2.$$

24.
$$(-4, -5)$$
; $-4x + 5y = -6$

Standard form:

• in order A × → Вγ > С

• integers

• no GCF (also: A must be pos.)

$$y = \frac{4}{5}x - 6 \qquad (30,6)$$

$$b = \frac{4}{5}x^{2} + B \qquad y = \frac{4}{5}x + \frac{10}{5}$$

$$6 = \frac{16}{16} + B \qquad y = m$$

$$y = m$$

$$y = y$$

$$y = m$$

$$(30,6)$$

 $y = \frac{4}{5}x + -10$
 $y = mx + B$
 $y - y = m(x - x,)$