

Name: _____ Date: _____ Block: _____

Objective 1: Solving equations in one variable.

1)

$$6(6v + 6) - 5 = 1 + 6v$$

2)

$$-4k + 2(5k - 6) = -3k - 39$$

3)

$$-16 + 5n = -7(-6 + 8n) + 3$$

4)

$$10p + 9 - 11 - p = -2(2p + 4) - 3(2p - 2)$$

5)

$$-10n + 3(8 + 8n) = -6(n - 4)$$

6)

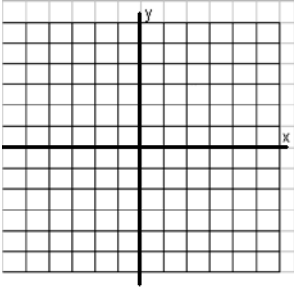
$$10(x + 3) - (-9x - 4) = x - 5 + 3$$

7)

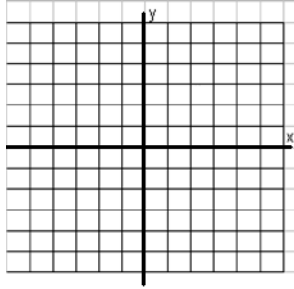
$$-11 + 10(p + 10) = 4 - 5(2p + 11)$$

Objective 2: Graph a linear equation in slope-intercept form.

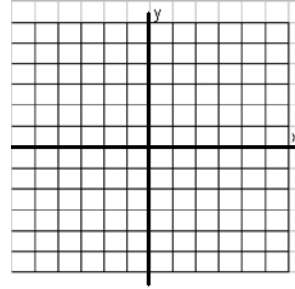
11) $y = -6x + 3$



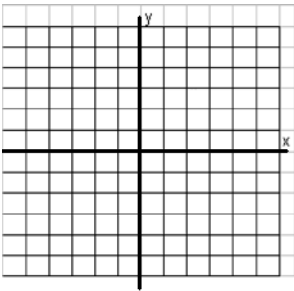
12) $y = \frac{1}{4}x + 2$



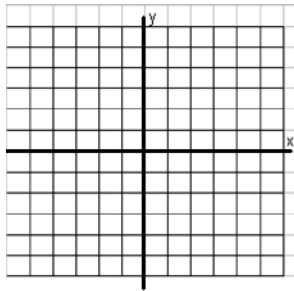
13) $y = \frac{5}{3}x$



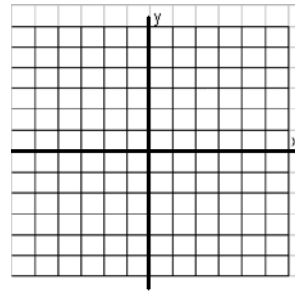
14) $y = -\frac{1}{3}x + 3$



15) $y = \frac{1}{5}x - 4$



16) $y = 2x - 5$



Objective 3: Rewrite a linear equation in slope-intercept form.

17) $3x + 5y = -5$

18) $6x + 5y = 20$

19) $10x - 3y = 15$

20) $x - y = 3$