

↑ slope ↑ y-intercept

Name _____

Literal Equations - Slope Intercept Form

Date _____ Period _____

Solve each equation for y. Identify the slope and y-intercept

1) $2x - y = 5$

2) $x + 2y = -4$

3) $3x - 4y = -8$

4) $3x - y = 3$

5) $x - y = -2$

6) $x - 4y = 0$

7) $3x - y = 2$

8) $-4x + 2y = 16$

9) $8x - y = -5$

10) $x + 4y = -16$

LITERAL EQUATIONS

Solve for the indicated variable in the parenthesis

1) $P = IRT$ (T)

2) $A = 2(L + W)$ (W)

3) $y = 5x - 6$ (x)

4) $2x - 3y = 8$ (y)

5) $\frac{x+y}{3} = 5$ (x)

6) $y = mx + b$ (b)

7) $ax + by = c$ (y)

8) $A = h(b + c)$ (b)

9) $V = LWH$ (L)

10) $A = 4r^2$ (r^2)

11) $V = \pi r^2 h$ (h)

12) $7x - y = 14$ (x)

13) $A = \frac{x+y}{2}$ (y)

14) $R = \frac{E}{I}$ (I)

15) $x = \frac{yz}{6}$ (z)

16) $A = \frac{r}{2L}$ (L)

17) $A = \frac{a+b+c}{3}$ (b)

18) $12x - 4y = 20$ (y)

19) $x = \frac{2y-z}{4}$ (z)

20) $P = \frac{R-C}{N}$ (R)