Lesson 2.6- SWBAT solve literal equations.

Kickoff- Solve each of the following literal equations

1) Solve for a: $-3a = b$

$$a = \frac{b}{-3}$$

2) Solve for x: $\frac{x+3}{z} = 5$

(z) (z)

$x + 3 = 5z$

$ \frac{}{3} \frac{-3}{-3}$

$x = 5z - 3$

3) Solve for y: $\frac{2xy}{2x} = \frac{z}{2x}$

$$y = \frac{z}{2x}$$

4) Solve for k: $gh - k = i$

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1) Solve for T. $P = IRT$

2) Solve for w. $A = 2(L + W)$

3) Solve for x. $y = 5x - 6$

4) Solve for y. $2x - 3y = 8$

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5) Solve for x. $\frac{x+y}{3} = 5$

6) Solve for b. $y = mx + b$

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7) Solve for y. $ax + by = c$

8) Solve for b. $A = \frac{1}{2}h(b + c)$

9) Solve for L. $V = LWH$

10) Solve for r^2 $A = 4\pi r^2$

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11) Solve for h. $v = \pi r^2 h$

12) Solve for x. $7x - y = 14$

13) Solve for p $px + 9j = 6c$

14) Solve for n. $m = 2(x + n)$

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15) Solve for a. $4ad + 4d = 8q$

16) Solve for y $hy + 7z = 14$