

Algebra 1: Regular vs. Literal Equations
Show All Work!

Name _____ Period _____

Regular Equations

Literal Equations

Solve for x .

1a) $x - 7 = 8$

1b) $x - b = a$

Solve for k .

2a) $4k = -12$

2b) $-3k = m$

Solve for b .

3a) $2b - 5 = 11$

3b) $2b - 9 = d$

Solve for g .

4a) $\frac{1}{2}(4g) = -20$

4b) $aeg = 10$

Solve for y .

5a) $\frac{y}{-8} = 11$

5b) $\frac{y}{3} = h$

Solve for v .

6a) $14 = 2v + 26$

6b) $3d = 7v + 5$

Solve for h .

7a) $-30 = 4 - 8h$

7b) $7a = 10 - 2h$

Solve for p .

8a) $3(p - 4) = 12$

8b) $5(p + 4x) = w$

Solve for z .

9a) $5z - z = 40$

9b) $az - z = c$

Solve for j .

10a) $4(j - 3) = -20$

10b) $4(j - b) = 6j$