

Literal Equations - CLASS EXAMPLES

Date _____ Period _____

Solve each equation for the indicated variable.

1) $z = a + m$, for a

2) $u = k - x$, for x

3) $z = \frac{x}{m}$, for x

4) $u = \frac{k}{x}$, for x

5) $g = 4x + 1$, for x

6) $u = -4 - 2a$, for a

7) $4ak = 1$, for a

8) $g = \frac{-4a + 4}{b}$, for a

9) $g = 2b - 6a - 9$, for a

10) $a = x(2b + 5)$, for x

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1) $z = a + m$, for a

$$a = z - m$$

2) $u = k - x$, for x

$$x = -u + k$$

3) $z = \frac{x}{m}$, for x

$$x = zm$$

4) $u = \frac{k}{x}$, for x

$$x = \frac{k}{u}$$

5) $g = 4x + 1$, for x

$$x = \frac{g - 1}{4}$$

6) $u = -4 - 2a$, for a

$$a = \frac{-u - 4}{2}$$

7) $4ak = 1$, for a

$$a = \frac{1}{4k}$$

8) $g = \frac{-4a + 4}{b}$, for a

$$a = \frac{-gb + 4}{4}$$

9) $g = 2b - 6a - 9$, for a

$$a = \frac{-g + 2b - 9}{6}$$

10) $a = x(2b + 5)$, for x

$$x = \frac{a}{2b + 5}$$