

Literal Equations HW-1

Solve each equation for the indicated variable. ONLY 1 DAY LATE ACCEPTED!

1) $g = x - c$, for x

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

3) $g = x + c$, for x

4) $u = a + k$, for a

5) $g = \frac{a}{c}$, for a

6) $g = a - c - b$, for a

7) $u = y - k + x$, for x

8) $z = b + \frac{m}{a}$, for a

9) $u = x + k + w + v$, for x

10) $u = ak - w - v$, for a

Solve each proportion. Answers should be in decimals.

11) $\frac{4}{5} = \frac{v}{8}$

12) $\frac{7}{10} = \frac{x+7}{5}$

13) $\frac{x}{x+5} = \frac{8}{10}$

14) $\frac{m-6}{m-1} = \frac{4}{6}$

Solve each equation.

15) $161 = 7(5x + 8)$

16) $12 + v = v + 4$