

Assignment: T1-08 Solving Literal Equations

Date _____ Period _____

Solve each equation for the indicated variable.

1) $g = xc$, for x

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

3) $9mx = 4$, for x

4) $6mx = 5$, for x

5) $2ca = -5$, for a

6) $2c + 2x = -1$, for x

7) $z = -10a$, for a

8) $4a + 3k = -1$, for a

9) $g = 4a + 1$, for a

10) $-4k - 4x = -1$, for x

11) $3 + 2x = \frac{3r}{2d}$, for x

12) $\frac{1}{x} = -pn$, for x

13) $g = -3x - 1$, for x

14) $-m - 3a = 4$, for a

15) $u = \frac{a - 3}{a}$, for a

16) $z = \frac{3 + 2a}{a}$, for a

17) $g = \frac{a - 1}{3ca}$, for a

18) $z = -6mx - 3yx$, for x

19) $g = \frac{-6x + 4}{5cx}$, for x

20) $z = -2ma - ba$, for a

21) Can you show the steps that prove $y = mx + b$ (slope-intercept form) is actually the same as $Ax + By = C$ (Standard Form)?