



Literal Equations

Version 2

Name: _____

Date: _____

Score: _____

Direction: Solve the literal equation for the required variable. Show all your work in the space provided.

1) $\frac{-2x + y}{y} = -1$ for y

2) $2r - d = -1(r - d)$ for r

3) $\frac{n+1}{4} = \frac{1}{2} + m$ for n

4) $\frac{2}{5}(-10a + 5b) = \frac{a}{10}$ for a



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1) $\frac{-2x + y}{y} = -1$ for y

$$y = x$$

2) $2r - d = -1(r - d)$ for r

$$r = \frac{2d}{3}$$

3) $\frac{n+1}{4} = \frac{1}{2} + m$ for n

$$n = 4m + 1$$

4) $\frac{2}{5}(-10a + 5b) = \frac{a}{10}$ for a

$$a = \frac{20b}{41}$$