Solve Literal Equations (Three-Step)

Solve the equation for n

$$\frac{-2n - 23}{3} = t$$

Solve the equation for y

$$16y - 17z = 8y - 20z$$

Solve the equation for a

$$18a + 18n = -14a + 7$$

Solve the equation for z

$$\frac{-19z + 9}{3} = b$$

Solve the equation for x

$$-12x - 16n = -20x - 3n$$

Solve the equation for x

$$-3x - 22 = -5x - 12k$$

Solve the equation for x

$$-3x - 22b = -5x - 12$$

Solve the equation for b

$$-5b - 14y = -15b - 16y$$

Solve Literal Equations (Three-Step)

Solve the equation for n

$$\frac{-2n-23}{3} = t$$

$$n = -\frac{3t+23}{2}$$

Solve the equation for a

$$18a + 18n = -14a + 7$$

$$a = \frac{7-18n}{32}$$

Solve the equation for x

$$-12x - 16n = -20x - 3n$$

$$x = \frac{13}{8}n$$

Solve the equation for x

$$-3x - 22b = -5x - 12$$

$$x = \frac{-12+22b}{2}$$

Solve the equation for y

$$16y - 17z = 8y - 20z$$

$$y = -\frac{3}{8}z$$

Solve the equation for z

$$\frac{-19z+9}{3} = b$$

$$z = -\frac{3b-9}{19} = \frac{9-3b}{19}$$

Solve the equation for x

$$-3x - 22 = -5x - 12k$$

$$x = \frac{-12k+22}{2} = -6k + 11$$

Solve the equation for b

$$-5b - 14y = -15b - 16y$$

$$b = -\frac{1}{5}y$$