

Warm up

Solve.

$$\frac{2x}{2} = \frac{10}{2}$$

$$x = 5$$

$$\begin{array}{r} x + 2 = -6 \\ -2 \quad -2 \\ \hline x = -8 \end{array}$$

$$\begin{array}{r} g - 3 = 13 \\ + 3 \quad + 3 \\ \hline g = 16 \end{array}$$

$$x - 7 = -3$$

$$+7 \quad +7$$

$$x = 4$$

$$\begin{array}{r} \cancel{6} + n = 13 \\ - \cancel{6} \quad - 6 \\ \hline n = 7 \end{array}$$

$$\begin{array}{r} -3 + g = 5 \\ + 3 \qquad + 3 \end{array}$$

$$g = 8$$

$$3p = -21$$

$$\frac{\quad}{3} \quad \frac{\quad}{3}$$

$$p = -7$$

$$2x + 1$$

coefficient
being multiplied
by the
variable

variable
unknown
value

constant
being added
or subtracted

$$\frac{-d}{-1} = \frac{8}{-1}$$

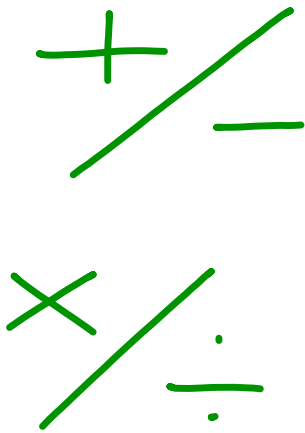
$$d = -8$$

$$2 \left(\frac{w}{2} \right) = (-5) \cdot 2$$

$$w = -10$$

$$\frac{-10}{2} = -5 \checkmark$$

Inverse Operations



$$1) -5x = 45$$

$$4) b - 7 = -11$$

$$2) 4 + p = -12$$

$$5) -x = -27$$

$$3) -6 + r = 2$$

$$6) \frac{y}{6} = -3$$

$$1) \frac{-5x}{-5} = \frac{45}{-5}$$

$$x = -9$$

$$2) 4 + p = -12$$

$$\begin{array}{cc} -4 & -4 \end{array}$$

$$p = -16$$

$$-12 - 4$$

$$-12 + (-4)$$

$$-16$$

$$\begin{array}{r} 3) -6 + r = 2 \\ \quad +6 \quad \quad +6 \\ \hline r = 8 \end{array}$$

$$4) b - 7 = -11$$

$$+7 \quad +7$$

$$b = -4$$

$$5) \frac{-x}{-1} = \frac{-27}{-1}$$

$$x = 27$$

$$6) \left(\frac{y}{6} = (-3) \right) 6$$

$$y = -18$$

