

$$x - (-3) = 7$$

$$x + 3 = 7$$

$$\begin{array}{r} \underline{-3} \quad \underline{-3} \end{array}$$

$$x = 4$$

$$4 - (-3) = 7$$



$$-19 = r + 6$$

$$\begin{array}{r} \underline{-6} \quad \underline{-6} \end{array}$$

$$-25 = r$$

$$-19 = -25 + 6 \quad \checkmark$$

Chapter 4-4 Multiplication and Division Equations

SWBAT solve "one step"
equations using the
Properties of Equality

$$2b = 14$$

$$2 * b = 14$$

The Division Property of Equality:

You must divide both sides of the
equation by the same number to solve.

Divide
By the
number being
Multiplied

$$\frac{2b}{2} = \frac{14}{2}$$

Do the
opposite
of what u
see!

The Identity
PROP.

$$b = 7$$

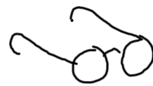
$$b = 7 \quad \checkmark 2(7) = 14$$

$$5d = 60$$

number next to the
variable.

Multiplication Property Of Equality

Multiply each side by the same
number to isolate the variable.



$$\frac{x}{9} = 3$$

Do the
opposite →

Multiply
Both sides
by the denom
inator "9".

The
Identity
Property

ISOLATE
the VARIABLE

$$-5n = 30$$

$$\frac{-5n}{\square} = \frac{30}{\square}$$

$$\frac{a}{2} = -16$$

$$\left(\quad \right) \frac{a}{2} = \left(\quad \right) -16$$

$$\frac{-2w}{\square} = \frac{-4}{\square}$$

$$3) -2w = -4$$

$$\frac{-2w}{\boxed{-2}} = \frac{-4}{\boxed{-2}}$$

$$w = 2$$

$$5 = \frac{50}{10}$$

$$\begin{array}{r} n - 35 = 84 \\ + 35 \quad + 35 \\ \hline 0 \quad \quad \quad \end{array}$$

$$n = 119$$

$$119 - 35 = 84 \checkmark$$