

CHAPTER 2-6

Multiplication & Division Equations

SWBAT: SOLVE ONE STEP EQUATIONS USING MULTIPLICATION AND DIVISION.

Division Property of Equality.

Divide both sides of the equation by the same number.

$$\begin{array}{l} 9 = 9 \\ 9 \div 3 = 9 \div 3 \quad \frac{9}{3} = \frac{9}{3} \\ 3 = 3 \quad \quad \quad 3 = 3 \end{array}$$

The Multiplication Property of Equality

You can multiply both sides of the equation by the same number.

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

we mult
Both Sides
x 5

$$4 = b \div 8$$

$$b = 4 \times 8$$

$$\frac{m}{3} = \frac{1}{3}m$$

$$\frac{1}{8} \times \frac{m}{8} = \frac{1}{8} \cancel{m}$$
$$= 1m = m$$