

Full Name: _____ Date: _____

FCTG

One Step Equations-Multiplication

Solve one-step equations---Multiplication

TO UNDO MULTIPLICATION→

Example: Solve for the variable x ,

$$5x = 35$$

Check solution:

solution:

Example 1: Solve $-2x = 8$.

Check solution:

solution:

Example 2: Solve $12 = 4m$.

Check solution:

solution:

Example 3: Solve $\frac{2}{3}x = 4$.

Check solution:

solution:

Example 4: Solve $-\frac{1}{6}x = -2$.

Check solution:

solution:

Example 5: Solve $-\frac{x}{7} = -3$

Check solution:

solution:

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DO NOW!

Solve one-step equations.

(1) $2x = 12$

(2) $3x = -15$

solution:

(3) $-5x = 25$

solution:

(4) $-6x = -24$

solution:

(5) $42 = -7x$

solution:

(6) $8x = -14$

solution:

(7) $-33 = -6x$

solution:

(8) $\frac{5}{6}x = 10$

solution:

(9) $\frac{2}{5}x = -20$

solution:

(10) $-6 = -\frac{1}{3}x$

solution:

(11) $\frac{5}{11}x = \frac{15}{22}$

solution:

(12) $\frac{3}{7}x = \frac{9}{14}$

solution:

solution: