7318-Review

Name: _____

Simple Linear Equations

Solve real-world and mathematical problems by writing and solving equations of the form $x + p = q$ and $px = q$ for cases in which p, q and x are all nonnegative rational numbers.

Example 1	**Example 2**
Solve: $x + 24 = 38$ $-24 \quad -24$ $x = 14$	Solve: $7x = 56$ $\frac{7x}{7} = \frac{56}{7}$ $x = 8$
Example 3	**Example 4**
Solve: $x - 11 = 47$ $+11 \quad +11$ $x = 58$	Solve: $(6)\frac{x}{6} = 9\,(6)$ $x = 54$

Solve the following one-step equations.

a. $2x = 34$

b. $x - 27 = 89$

c. $x + 31 = 73$

d. $\frac{x}{5} = 15$

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