

## Reteaching Page

### 2.6 Solving Multiplication Equations

Step 1: Simplify (if possible)  
 Step 2: Isolate the variable using inverse operations.  
 Step 3: Check with substitution.

$$4n = 57 - 9$$

Simplify

$$4n = 48$$

The inverse of  $\times 4$  is  $\div 4$ 

$$\frac{4n}{4} = \frac{48}{4}$$

$$1n = 12$$

$$n = 12$$

$$4n = 57 - 9$$

substitute 12 for n

$$4 * 12 = 57 - 9$$

$$48 = 48$$

$$n = 48$$

Use inverse operations to solve for  $n$  in the following equations.

\_\_\_\_\_ 1)  $7n = 91$

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\_\_\_\_\_ 2)  $6n = 66$

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\_\_\_\_\_ 3)  $3n = 120 - (5 * 3)$

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\_\_\_\_\_ 4)  $64 = 4n$

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