

Name: \_\_\_\_\_ Date: \_\_\_\_\_

Computation  
Algebraic Equations  
Addition

An **equation** is a mathematical sentence that two things are equal. An equation has a constant, variable, equal sign and/or operation.

**Example**

$7 + a = 12$  Think: 7 plus what number equals 12? 7 plus 5 equals 12.  
Therefore,  $a=5$

We can also solve this equation by using the inverse operation of addition which is subtraction.

$7 + a = 12$  Think  $12 - 7$  equals 5. Therefore,  $a=5$

Try these. Solve each equation. Select the correct answer.

1.  $x + 9 = 12$

2.  $6 + m = 15$

3.  $5 + y = 29$

4.  $12 + a = 34$

5.  $p + 8 = 35$

6.  $9 + b = 13$

7.  $f + 8 = 49$

8.  $34 + v = 52$

9.  $s + 9 = 11$

10.  $12 + c = 29$