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. $12 + c = 29$