

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. $12 + a = 34$

$$5. \ p + 8 = 35$$

$$6. \ 9 + b = 13$$

$$7. \ f + 8 = 49$$

$$8. \ 34 + v = 52$$

$$9. \ s + 9 = 11$$

$$10. \ 12 + c = 29$$