

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



## Evaluating Expressions (4 operations) (one variable)

**Directions:** Evaluate each expression when  $x = 6$  or when  $y = 5$

1.  $3x =$  \_\_\_\_\_

7.  $7 + y =$  \_\_\_\_\_

2.  $4x - 9 =$  \_\_\_\_\_

8.  $9y - 14 =$  \_\_\_\_\_

3.  $2x + 1 =$  \_\_\_\_\_

9.  $\frac{30}{y} =$  \_\_\_\_\_

4.  $\frac{x}{3} + 17 =$  \_\_\_\_\_

10.  $3(5y) =$  \_\_\_\_\_

5.  $14 - \frac{12}{x} =$  \_\_\_\_\_

11.  $\frac{15}{y} - 2 =$  \_\_\_\_\_

6.  $40 - 5x =$  \_\_\_\_\_

12.  $6y - 9 =$  \_\_\_\_\_



## ANSWER KEY

1.  $3x = 18$

7.  $7 + y = 12$

2.  $4x - 9 = 15$

8.  $9y - 14 = 31$

3.  $2x + 1 = 13$

9.  $\frac{30}{y} = 5$

4.  $\frac{x}{3} + 17 = 19$

10.  $3(5y) = 75$

5.  $14 - \frac{12}{x} = 12$

11.  $\frac{15}{y} - 2 = 1$

6.  $40 - 5x = 10$

12.  $6y - 9 = 21$