

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



## Evaluating Expressions (multiply/divide) (two variables)

Directions: Evaluate each expression when  $x = 6$  and when  $y = 3$

1.  $xy \div 3 =$  \_\_\_\_\_

7.  $6y \div x =$  \_\_\_\_\_

2.  $2xy =$  \_\_\_\_\_

8.  $4y \div 2 =$  \_\_\_\_\_

3.  $5x \div y =$  \_\_\_\_\_

9.  $3xy =$  \_\_\_\_\_

4.  $\frac{3x}{2y} =$  \_\_\_\_\_

10.  $\frac{x}{y} =$  \_\_\_\_\_

5.  $4(xy) =$  \_\_\_\_\_

11.  $\frac{4y}{x} =$  \_\_\_\_\_

6.  $2x\left(\frac{27}{y}\right) =$  \_\_\_\_\_

12.  $\frac{5x}{10y} =$  \_\_\_\_\_



## ANSWER KEY

1.  $xy \div 3 = 6$

7.  $6y \div x = 3$

2.  $2xy = 36$

8.  $4y \div 2 = 6$

3.  $5x \div y = 10$

9.  $3xy = 54$

4.  $\frac{3x}{2y} = 3$

10.  $\frac{x}{y} = 2$

5.  $4(xy) = 72$

11.  $\frac{4y}{x} = 2$

6.  $2x\left(\frac{27}{y}\right) = 108$

12.  $\frac{5x}{10y} = 1$