

Name: _____



Evaluating Expressions (multiply/divide) (two variables)

Directions: Evaluate each expression when $x = 9$ and when $y = 2$

1. $xy \div 6 =$ _____

7. $6y \div 3 =$ _____

2. $3xy =$ _____

8. $3xy \div 6 =$ _____

3. $6x \div y =$ _____

9. $6xy =$ _____

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

10. $\frac{4x}{3y} =$ _____

5. $5(xy) =$ _____

11. $\frac{6x}{y} =$ _____

6. $3x\left(\frac{14}{y}\right) =$ _____

12. $\frac{7x}{9} =$ _____



ANSWER KEY

1. $xy \div 6 = 3$

7.

$$6y \div 3 = 4$$

2. $3xy = 54$

8.

$$3xy \div 6 = 9$$

3. $6x \div y = 27$

9.

$$6xy = 108$$

4. $\frac{2x}{y} = 9$

10.

$$\frac{4x}{3y} = 6$$

5. $5(xy) = 90$

11.

$$\frac{6x}{y} = 27$$

6. $3x\left(\frac{14}{y}\right) = 189$

12.

$$\frac{7x}{9} = 7$$