

## Homework

## Activity 1

Multiply across and simplify the answer.

1.  $\frac{1}{2} \cdot \frac{3}{4}$

2.  $\frac{4}{5} \cdot \frac{2}{3}$

3.  $\frac{4}{6} \cdot \frac{1}{2}$

4.  $\frac{2}{5} \cdot \frac{5}{10}$

## Activity 2

Divide using invert and multiply. Simplify the answer.

1.  $\frac{4}{5} \div \frac{1}{5}$

2.  $\frac{8}{9} \div \frac{1}{3}$

3.  $\frac{4}{1} \div \frac{1}{4}$

## Activity 3

Answer the questions about the important statistics for the data set.

Data Set: 1, 2, 2, 3, 4, 4, 5, 6, 6, 6, 6, 7, 8, 25

- The number 25 is called a(n) \_\_\_\_\_ because it is so different from the other data.
- The number 25 impacts the \_\_\_\_\_ more than the median.
- The number 6 is called the \_\_\_\_\_.
- The range is 24 because it represents the distance between the \_\_\_\_\_ and the \_\_\_\_\_.

## Activity 4 • Distributed Practice

Solve.

- List the first 6 multiples for 6 and 9. Find any common multiples.
- List the factors of 36 and 48. What is the greatest common factor?
- What is the least common denominator for  $\frac{3}{5} - \frac{1}{9}$ ?
- $\frac{3}{2} + \frac{5}{4}$
- $\frac{6}{7} - \frac{5}{7}$
- $\frac{4}{6} - \frac{2}{9}$
- $420 \div 10$