

Name _____

Date _____

Fraction Multiplication- Guided Lesson Explanation

For each of these problems:

Multiply the first fraction by the second fraction. Multiply the top (numerator) right across. Follow that with the denominator.

Explanation#1

$$\frac{1 \times 6}{9 \times 8} = \frac{6}{72}$$

Now simplify the fraction:

$$\frac{6}{72} = \frac{1}{12}$$

So, the answer is $\frac{1}{12}$.

Explanation#2

$$\frac{4 \times 2}{7 \times 9} = \frac{8}{63}$$

It cannot be simplified further. So, the answer is $\frac{8}{63}$.

Explanation#3

$$\frac{1 \times 2}{2 \times 5} = \frac{2}{10}$$

Now simplify the fraction:

$$\frac{2}{10} = \frac{1}{5}$$

So, the answer is $\frac{1}{5}$.

