Fractions and Whole Number Multiplication - Step-by-Step Lesson

Multiply a fraction:

Simplify your answer and write it as a proper fraction, whole, or mixed number.

$$\frac{7}{9} \times 5 = \underline{\quad}$$

Explanation:

To multiply a fraction by a whole number, write the whole number as a fraction with 1 as the denominator.

We use 2 as a fraction.

$$2 \times \frac{2}{1}$$

Multiply the numerators then multiply the denominators.

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

So, the proper fraction is $\frac{2}{5}$.

Lesson 2 Working With Smaller Fractions:

Simplify your answer and write it as a proper fraction, whole, or mixed number.

$$7 \times \frac{1}{3}$$

Explanation:

Write the whole number as a fraction with 1 as the denominator.

We use 7 as a fraction.

$$7 \times \frac{7}{1}$$

Multiply the numerators then multiply the denominators.

$$\frac{7}{1} \times \frac{1}{3} = \frac{7 \times 1}{1 \times 3} = \frac{7}{3} = 2\frac{1}{3}$$

So, the proper fraction is $2\frac{1}{3}$.