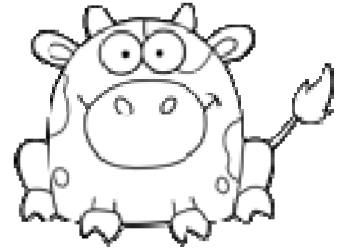


Products of Whole Numbers and Fractions - Step-by-Step Lesson

Simplify your answer and write it in the simplest form.

1. $8 \times \frac{4}{8}$

2. $5 \times \frac{2}{4}$

**Explanation:**

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

Write 8 as a fraction.

$$8 = \frac{8}{1}$$

First, multiply the numerator. Then, multiply the denominator.

$$\frac{8}{1} \times \frac{4}{8} = \frac{32}{8}$$

Now divide 32 by 8 which gives you the answer '4'.

2. Write 5 as a fraction.

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

First, multiply the numerator. Then multiply the denominator.

$$\frac{5}{1} \times \frac{2}{4} = \frac{10}{4}$$

Now divide 10 by 4 which give the answer $\frac{5}{2}$ as a least common fraction.

If we divide 5 by 2, we are left with the mixed number $2\frac{1}{2}$.

