

Multiplying Fractions

by whole numbers

Example:

$$\frac{1}{3} \times 6 =$$

Step 1: Whole numbers can also be written as a fraction; 6 can be written as $\frac{6}{1}$

$$\frac{1}{3} \times \frac{6}{1} =$$

Step 2: Multiply the numerators and denominators by each other

$$\frac{1}{3} \times \frac{6}{1} = \frac{6}{3}$$

Step 3: Simplify if possible

$$\frac{6}{3} = 2$$

Practice:

$$\frac{2}{5} \times 3 =$$

$$\frac{5}{8} \times 6 =$$

$$\frac{6}{10} \times 2 =$$

$$\frac{1}{7} \times 10 =$$

$$\frac{3}{10} \times 7 =$$

$$\frac{5}{7} \times 8 =$$

$$\frac{8}{3} \times 2 =$$

$$\frac{4}{5} \times 4 =$$

$$\frac{7}{3} \times 5 =$$