

# Multiplying Fractions by Whole Numbers

You can multiply a fraction by a whole number. Start by writing the whole number as a fraction, and then multiply. Let's try it! Solve  $\frac{1}{3} \times 7$ .

First, write the whole number as a fraction by placing it over 1.

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

Next, multiply the numerators, and then multiply the denominators. Make sure your answer is in simplest form. To simplify an improper fraction, you can rewrite it as a mixed number.

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



Try it yourself! Multiply. Show your work and write your final answer as a proper fraction or mixed number in simplest form.

$\frac{1}{4} \times 2 =$	$\frac{2}{5} \times 4 =$
$9 \times \frac{8}{9} =$	$\frac{5}{7} \times 3 =$
$\frac{7}{8} \times 5 =$	$6 \times \frac{4}{5} =$
$\frac{7}{15} \times 3 =$	$\frac{3}{10} \times 4 =$
$2 \times \frac{11}{12} =$	$8 \times \frac{5}{6} =$