

Multiply a Fraction by a Whole Number Using Models

You can use a model to multiply a fraction by a whole number.

Find the product of $4 \times \frac{3}{5}$.

Use fraction strips. Show 4 groups of $\frac{3}{5}$ each.



1 group of $\frac{3}{5} = \frac{3}{5}$



2 groups of $\frac{3}{5} = \frac{6}{5}$



3 groups of $\frac{3}{5} = \frac{9}{5}$

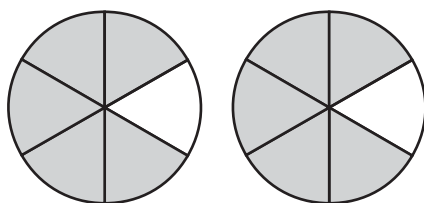


4 groups of $\frac{3}{5} = \frac{12}{5}$

So, $4 \times \frac{3}{5} = \frac{12}{5}$.

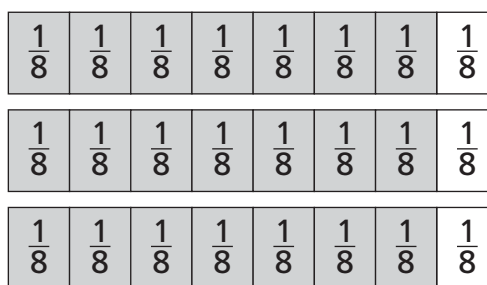
Multiply.

1



$$2 \times \frac{5}{6} = \underline{\hspace{2cm}}$$

2



$$3 \times \frac{7}{8} = \underline{\hspace{2cm}}$$

3 $6 \times \frac{2}{3} = \underline{\hspace{2cm}}$

4 $2 \times \frac{9}{10} = \underline{\hspace{2cm}}$

5 $5 \times \frac{3}{4} = \underline{\hspace{2cm}}$

6 $4 \times \frac{5}{8} = \underline{\hspace{2cm}}$

7 $7 \times \frac{2}{5} = \underline{\hspace{2cm}}$

8 $8 \times \frac{4}{6} = \underline{\hspace{2cm}}$