You can use fraction strips to multiply fractions by whole numbers.

To find $3 \times \frac{2}{3}$, first think about the expression in words.

$3 \times \frac{2}{3}$ means “3 groups of $\frac{2}{3}$.”

Then model the expression.

The total number of $\frac{1}{3}$ fraction pieces is 6.

So, $3 \times \frac{2}{3} = \frac{6}{3} \cdot \frac{2}{3} = 2$ in simplest form.

Use fraction strips to find each product.

1. $4 \times \frac{1}{8}$
2. $2 \times \frac{2}{5}$
3. $6 \times \frac{1}{8}$
4. $8 \times \frac{1}{4}$

You can also use counters to multiply fractions by whole numbers.

To find $\frac{1}{2} \times 12$, first think about the expression in words.

$\frac{1}{2} \times 12 = \frac{12}{2}$, which means “12 divided into 2 equal groups.”

Then model the expression.

The number of counters in each group is the product.

$\frac{1}{2} \times 12 = 6$.

Use counters to find each product.

5. $\frac{1}{3} \times 15$
6. $\frac{1}{8} \times 24$
7. $\frac{1}{4} \times 16$
8. $\frac{1}{12} \times 24$