



Use the visual model to solve each problem.

$$\frac{2}{4} \times 3 =$$

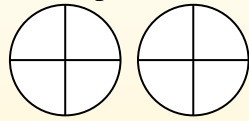
To solve multiplication problems with fractions one strategy is to think of them as addition problems.

For example the problem above is the same as:

$$\frac{2}{4} + \frac{2}{4} + \frac{2}{4}$$

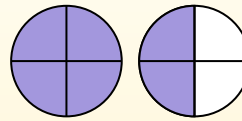
$$\frac{2}{4} \times 3 =$$

If we shade in  $\frac{2}{4}$  on the fractions below 3 times we can see a visual representation of the problem.



$$\frac{2}{4} \times 3 = 1 \frac{2}{4}$$

After shading it in we can see why  $\frac{2}{4}$  three times is equal to 1 whole and  $\frac{2}{4}$ .



**Answers**

1. \_\_\_\_\_
2. \_\_\_\_\_
3. \_\_\_\_\_
4. \_\_\_\_\_
5. \_\_\_\_\_
6. \_\_\_\_\_
7. \_\_\_\_\_
8. \_\_\_\_\_
9. \_\_\_\_\_
10. \_\_\_\_\_
11. \_\_\_\_\_
12. \_\_\_\_\_

1)  $\frac{1}{4} \times 2 =$

2)  $\frac{1}{5} \times 5 =$

3)  $\frac{1}{8} \times 5 =$

4)  $\frac{5}{12} \times 4 =$

5)  $\frac{7}{12} \times 3 =$

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

7)  $\frac{2}{3} \times 6 =$

8)  $\frac{2}{3} \times 4 =$

9)  $\frac{2}{12} \times 5 =$

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

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

12)  $\frac{6}{10} \times 3 =$



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$$\frac{2}{4} \times 3 =$$

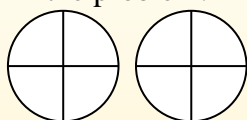
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For example the problem above is the same as:

$$\frac{2}{4} + \frac{2}{4} + \frac{2}{4}$$

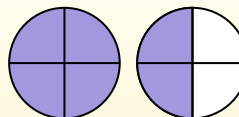
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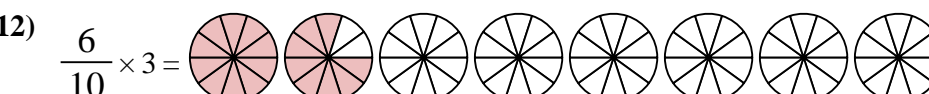
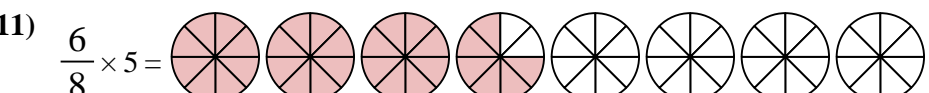
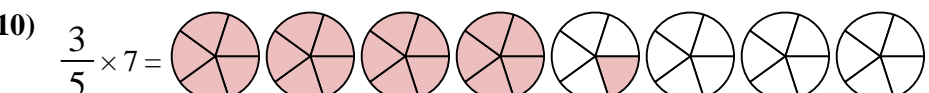
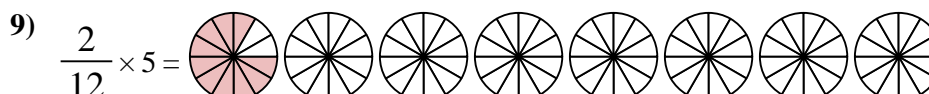
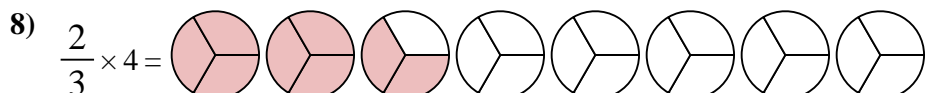
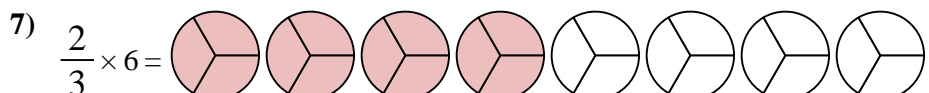
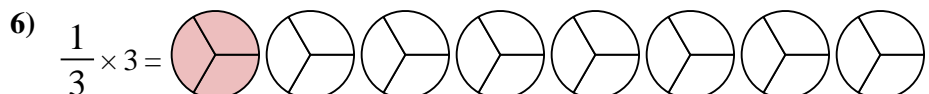
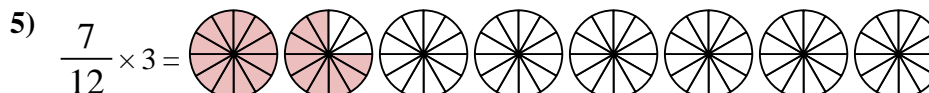
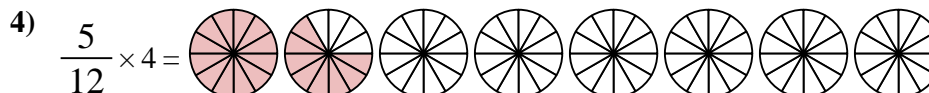
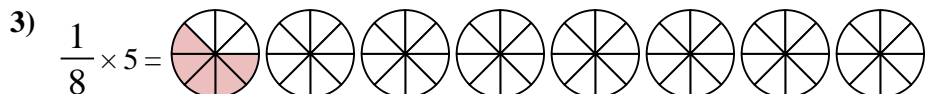
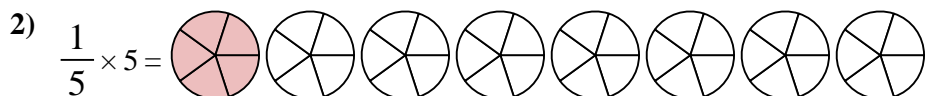
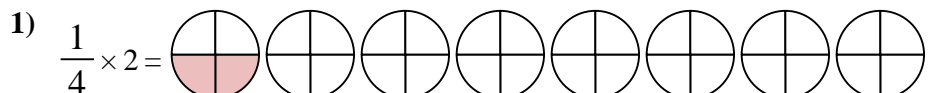


$$\frac{2}{4} \times 3 = 1 \frac{2}{4}$$

After shading it in we can see why  $\frac{2}{4}$  three times is equal to 1 whole and  $\frac{2}{4}$ .



**Answers**



1.            $\frac{2}{4}$
2.            $1 \frac{0}{5}$
3.            $\frac{5}{8}$
4.            $1 \frac{8}{12}$
5.            $1 \frac{9}{12}$
6.            $1 \frac{0}{3}$
7.            $4 \frac{0}{3}$
8.            $2 \frac{2}{3}$
9.            $\frac{10}{12}$
10.            $4 \frac{1}{5}$
11.            $3 \frac{6}{8}$
12.            $1 \frac{8}{10}$