



Use the visual model to solve each problem.

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

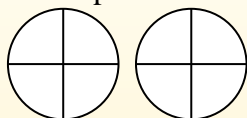
To solve multiplication problems with fractions one strategy is to think of them as addition problems.

For example the problem above is the same as:

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

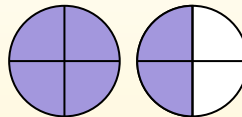
$$\frac{2}{4} \times 3 =$$

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

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

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

4)  $\frac{4}{6} \times 2 =$

5)  $\frac{8}{12} \times 4 =$

6)  $\frac{8}{10} \times 6 =$

7)  $\frac{4}{6} \times 6 =$

8)  $\frac{2}{12} \times 7 =$

9)  $\frac{2}{5} \times 6 =$

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

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

12)  $\frac{1}{4} \times 7 =$



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

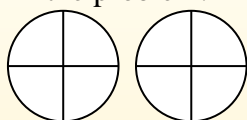
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For example the problem above is the same as:

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

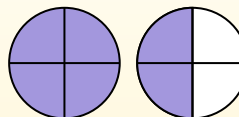
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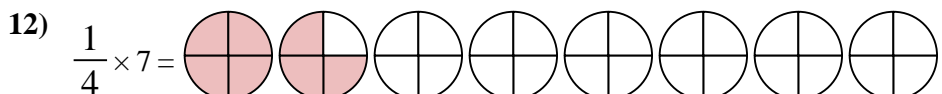
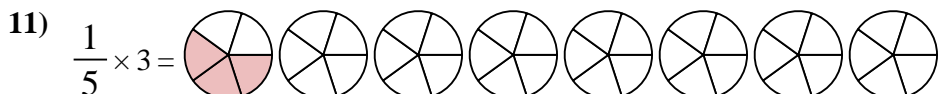
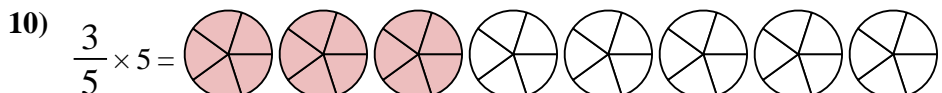
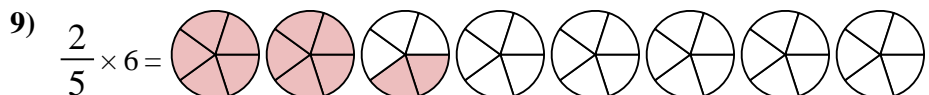
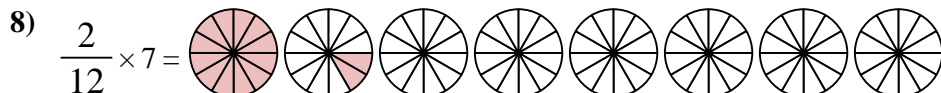
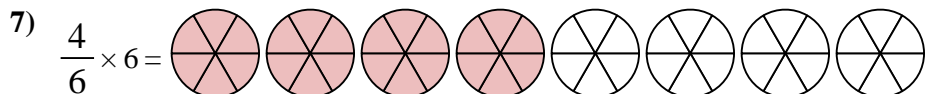
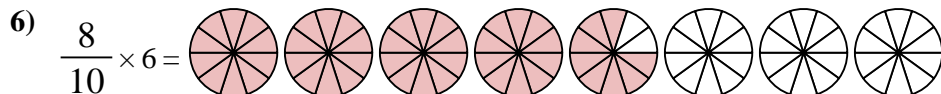
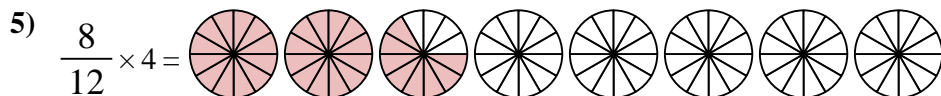
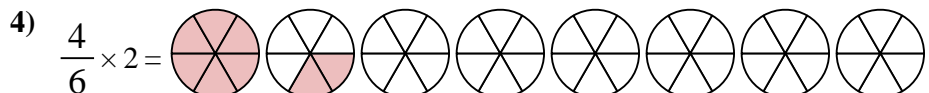
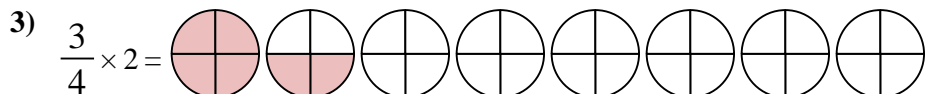
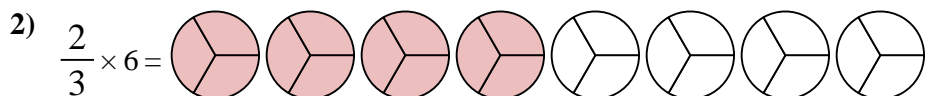
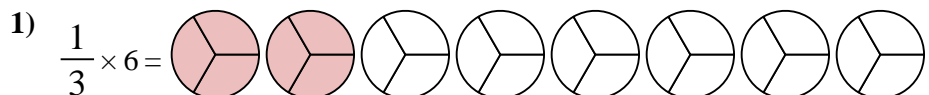


$$\frac{2}{4} \times 3 = 1 \frac{2}{4}$$

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



**Answers**



1.  $\frac{2^0}{3}$

2.  $\frac{4^0}{3}$

3.  $1 \frac{2}{4}$

4.  $1 \frac{2}{6}$

5.  $2 \frac{8}{12}$

6.  $4 \frac{8}{10}$

7.  $4 \frac{0}{6}$

8.  $1 \frac{2}{12}$

9.  $2 \frac{2}{5}$

10.  $3 \frac{0}{5}$

11.  $\frac{3}{5}$

12.  $1 \frac{3}{4}$