



Use the visual model to solve each problem.

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

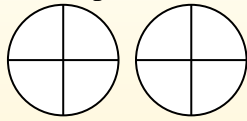
To solve multiplication problems with fractions one strategy is to think of them as addition problems.

For example the problem above is the same as:

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

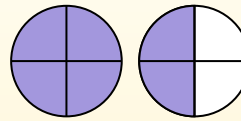
$$\frac{2}{4} \times 3 =$$

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

2)  $\frac{2}{5} \times 4 =$

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

4)  $\frac{9}{12} \times 7 =$

5)  $\frac{2}{3} \times 5 =$

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

7)  $\frac{3}{6} \times 5 =$

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

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

10)  $\frac{10}{12} \times 2 =$

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

12)  $\frac{9}{12} \times 4 =$



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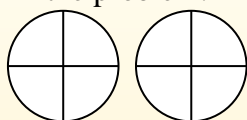
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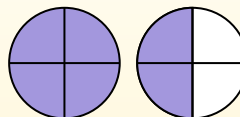
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$$\frac{2}{4} \times 3 = 1 \frac{2}{4}$$

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



## Answers

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

2.  $1 \frac{3}{5}$

3.  $\frac{4}{5}$

4.  $5 \frac{3}{12}$

5.  $3 \frac{1}{3}$

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

7.  $2 \frac{3}{6}$

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

9.  $4 \frac{4}{6}$

10.  $1 \frac{8}{12}$

11.  $3 \frac{6}{8}$

12.  $3 \frac{0}{12}$

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

2)  $\frac{2}{5} \times 4 =$

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4)  $\frac{9}{12} \times 7 =$

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