



Use the visual model to solve each problem.

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

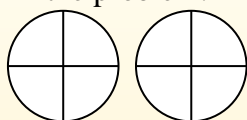
To solve multiplication problems with fractions one strategy is to think of them as addition problems.

For example the problem above is the same as:

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

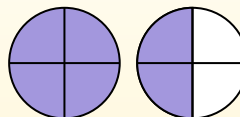
$$\frac{2}{4} \times 3 =$$

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

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

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

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

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

6)  $\frac{9}{10} \times 5 =$

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

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

9)  $\frac{1}{6} \times 7 =$

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

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

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



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1. 1 <sup>3</sup>/<sub>12</sub>
2. <sup>3</sup>/<sub>4</sub>
3. 2 <sup>2</sup>/<sub>5</sub>
4. 1 <sup>3</sup>/<sub>4</sub>
5. 3 <sup>0</sup>/<sub>6</sub>
6. 4 <sup>5</sup>/<sub>10</sub>
7. 1 <sup>4</sup>/<sub>12</sub>
8. 4 <sup>8</sup>/<sub>10</sub>
9. 1 <sup>1</sup>/<sub>6</sub>
10. 1 <sup>6</sup>/<sub>12</sub>
11. <sup>3</sup>/<sub>8</sub>
12. 4 <sup>2</sup>/<sub>3</sub>