



Use the visual model to solve each problem.

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

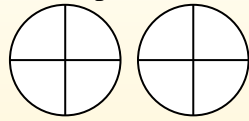
To solve multiplication problems with fractions one strategy is to think of them as addition problems.

For example the problem above is the same as:

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

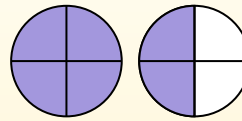
$$\frac{2}{4} \times 3 =$$

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)  $\frac{9}{12} \times 7 =$
- 2)  $\frac{2}{5} \times 6 =$
- 3)  $\frac{5}{8} \times 4 =$
- 4)  $\frac{3}{12} \times 4 =$
- 5)  $\frac{2}{6} \times 4 =$
- 6)  $\frac{3}{8} \times 3 =$
- 7)  $\frac{3}{12} \times 3 =$
- 8)  $\frac{6}{12} \times 4 =$
- 9)  $\frac{5}{6} \times 6 =$
- 10)  $\frac{2}{10} \times 3 =$
- 11)  $\frac{7}{12} \times 6 =$
- 12)  $\frac{4}{5} \times 2 =$



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