



Use the visual model to solve each problem.

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

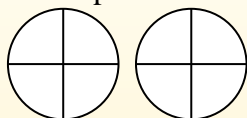
To solve multiplication problems with fractions one strategy is to think of them as addition problems.

For example the problem above is the same as:

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

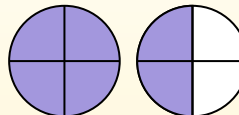
$$\frac{2}{4} \times 3 =$$

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) $\frac{7}{10} \times 6 =$

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

3) $\frac{2}{10} \times 4 =$

4) $\frac{2}{8} \times 5 =$

5) $\frac{1}{12} \times 6 =$

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

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

8) $\frac{3}{5} \times 4 =$

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

10) $\frac{6}{8} \times 3 =$

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

12) $\frac{8}{10} \times 3 =$



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Answers

- 1) $\frac{7}{10} \times 6 =$
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- 5) $\frac{1}{12} \times 6 =$
- 6) $\frac{2}{3} \times 7 =$
- 7) $\frac{3}{5} \times 5 =$
- 8) $\frac{3}{5} \times 4 =$
- 9) $\frac{3}{12} \times 5 =$
- 10) $\frac{6}{8} \times 3 =$
- 11) $\frac{3}{6} \times 3 =$
- 12) $\frac{8}{10} \times 3 =$

1. 4²/₁₀
2. 1²/₆
3. 8/₁₀
4. 1²/₈
5. 6/₁₂
6. 4²/₃
7. 3⁰/₅
8. 2²/₅
9. 1³/₁₂
10. 2²/₈
11. 1³/₆
12. 2⁴/₁₀