



Use the visual model to solve each problem.

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

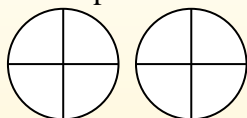
To solve multiplication problems with fractions one strategy is to think of them as addition problems.

For example the problem above is the same as:

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

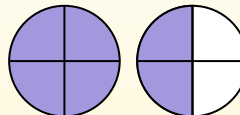
$$\frac{2}{4} \times 3 =$$

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) $\frac{4}{10} \times 7 =$

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

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

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

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

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

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

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

9) $\frac{5}{8} \times 5 =$

10) $\frac{1}{5} \times 7 =$

11) $\frac{5}{10} \times 7 =$

12) $\frac{1}{4} \times 6 =$



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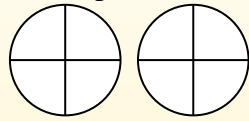
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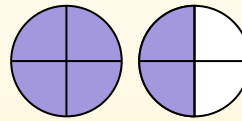
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Answers

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

1. 2⁸/₁₀
2. 1²/₃
3. 1⁰/₄
4. 1⁰/₈
5. 1⁴/₈
6. 1⁵/₁₀
7. 5/₆
8. 1⁰/₆
9. 3¹/₈
10. 1²/₅
11. 3⁵/₁₀
12. 1²/₄