



Use the visual model to solve each problem.

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

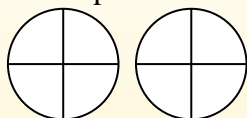
To solve multiplication problems with fractions one strategy is to think of them as addition problems.

For example the problem above is the same as:

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

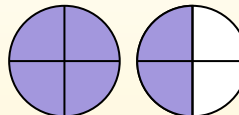
$$\frac{2}{4} \times 3 =$$

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) $\frac{8}{10} \times 4 =$

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

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

4) $\frac{7}{12} \times 6 =$

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

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

7) $\frac{1}{8} \times 5 =$

8) $\frac{8}{12} \times 6 =$

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

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

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

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



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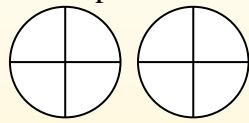
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$$\frac{2}{4} \times 3 = 1 \frac{2}{4}$$

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



Answers

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

1. 3²/₁₀
2. 4⁰/₅
3. 7/₁₀
4. 3⁶/₁₂
5. 3¹/₃
6. 2²/₅
7. 5/₈
8. 4⁰/₁₂
9. 3⁰/₄
10. 1⁰/₃
11. 2²/₃
12. 1⁴/₈