



Use the visual model to solve each problem.

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

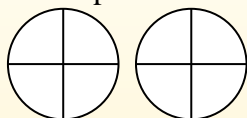
To solve multiplication problems with fractions one strategy is to think of them as addition problems.

For example the problem above is the same as:

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

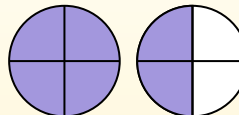
$$\frac{2}{4} \times 3 =$$

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

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

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

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

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

6) $\frac{4}{6} \times 3 =$

7) $\frac{4}{12} \times 3 =$

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

9) $\frac{10}{12} \times 2 =$

10) $\frac{4}{5} \times 6 =$

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

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



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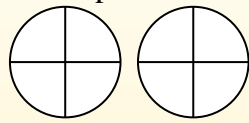
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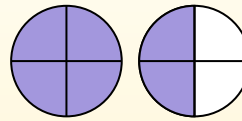
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After shading it in we can see why $\frac{2}{4}$ three times is equal to 1 whole and $\frac{2}{4}$.



Answers

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

1. $3\frac{1}{5}$
2. $\frac{3}{10}$
3. $3\frac{3}{4}$
4. $\frac{2}{3}$
5. $2\frac{0}{5}$
6. $2\frac{0}{6}$
7. $1\frac{0}{12}$
8. $1\frac{1}{5}$
9. $1\frac{8}{12}$
10. $4\frac{4}{5}$
11. $1\frac{3}{5}$
12. $3\frac{3}{6}$