



Use the visual model to solve each problem.

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

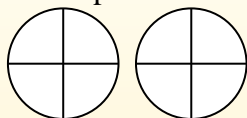
To solve multiplication problems with fractions one strategy is to think of them as addition problems.

For example the problem above is the same as:

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

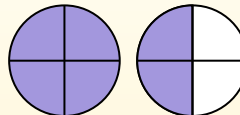
$$\frac{2}{4} \times 3 =$$

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) $\frac{1}{4} \times 7 =$

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

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

4) $\frac{9}{12} \times 7 =$

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

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

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

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

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

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

11) $\frac{5}{8} \times 6 =$

12) $\frac{9}{12} \times 4 =$



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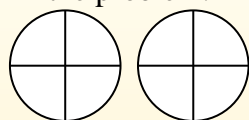
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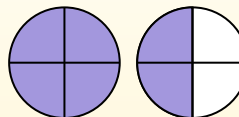
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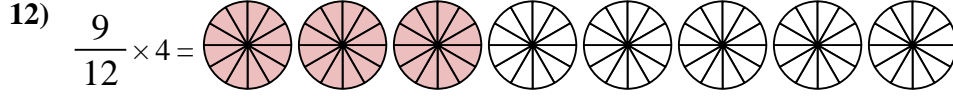
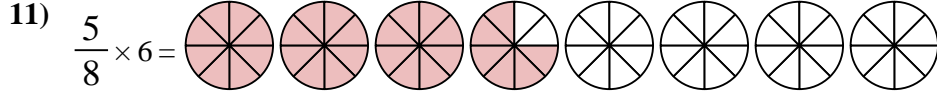
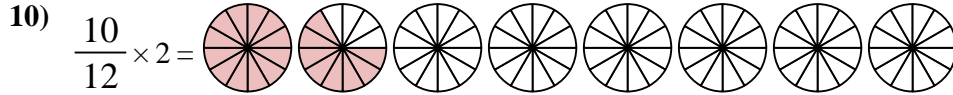
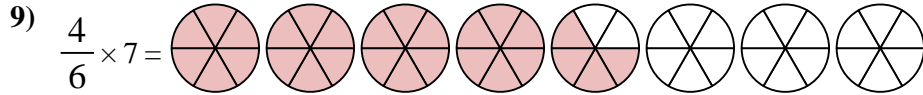
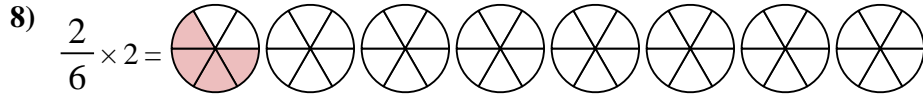
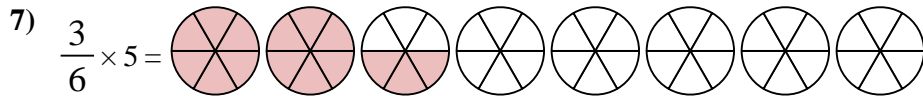
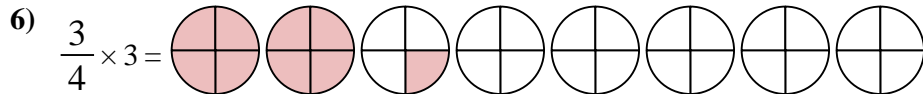
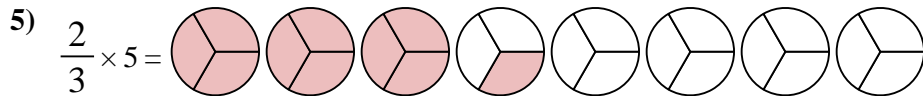
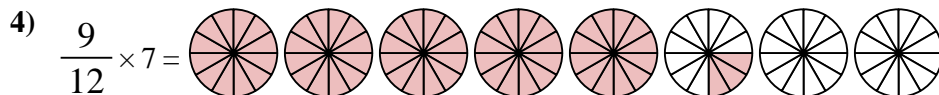
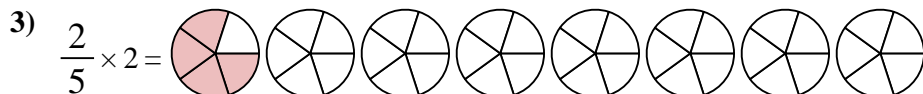
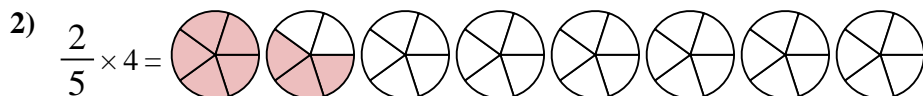
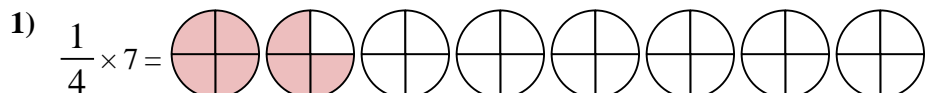


$$\frac{2}{4} \times 3 = 1 \frac{2}{4}$$

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



Answers



1. 1³/₄
2. 1³/₅
3. 4/₅
4. 5³/₁₂
5. 3¹/₃
6. 2¹/₄
7. 2³/₆
8. 4/₆
9. 4⁴/₆
10. 1⁸/₁₂
11. 3⁶/₈
12. 3⁰/₁₂