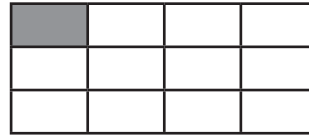


Dividing Unit Fractions by Non-Zero Whole Numbers

How can you model dividing a unit fraction by a whole number?

Think: Divide $\frac{1}{3}$ into 4 equal parts.

$$\frac{1}{3} \div 4$$



Each part contains $\frac{1}{12}$ of the whole.

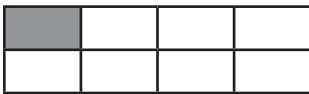
$$\text{So } \frac{1}{3} \div 4 = \frac{1}{12}.$$

Use multiplication to check.

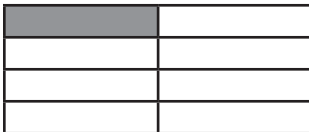
$$4 \times \frac{1}{12} = \frac{4}{12} = \frac{1}{3}$$

Find the quotient.

1. $\frac{1}{2} \div 4$



2. $\frac{1}{4} \div 2$



3. $\frac{1}{3} \div 6$ _____

4. $\frac{1}{5} \div 2$ _____

5. $\frac{1}{4} \div 5$ _____

6. $\frac{1}{6} \div 3$ _____

7. $\frac{1}{5} \div 7$ _____

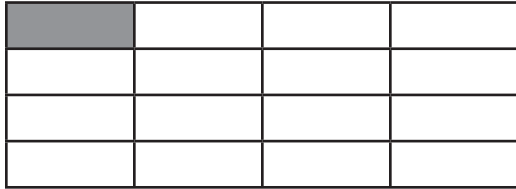
8. $\frac{1}{2} \div 5$ _____

Name _____

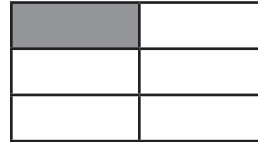
Dividing Unit Fractions by Non-Zero Whole Numbers

In **1-16**, find the quotient.

1. $\frac{1}{4} \div 4$



2. $\frac{1}{3} \div 2$



3. $\frac{1}{2} \div 2$ _____

4. $\frac{1}{5} \div 4$ _____

5. $\frac{1}{4} \div 5$ _____

6. $\frac{1}{7} \div 7$ _____

7. $\frac{1}{6} \div 4$ _____

8. $\frac{1}{9} \div 6$ _____

9. $\frac{1}{2} \div 3$ _____

10. $\frac{1}{3} \div 5$ _____

11. $\frac{1}{4} \div 2$ _____

12. $\frac{1}{5} \div 7$ _____

13. $\frac{1}{6} \div 5$ _____

14. $\frac{1}{7} \div 6$ _____

15. $\frac{1}{2} \div 4$ _____

16. $\frac{1}{9} \div 5$ _____

17. Cameron and his family were eating leftover lasagna. There was $\frac{1}{2}$ of the lasagna left. Cameron has one brother, one sister, and two parents. If everyone gets the same size piece, what fraction of the original lasagna does each member of Cameron's family receive?
