



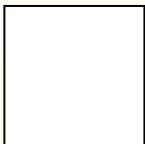
## Dividing Unit Fractions (Visual)

Name: \_\_\_\_\_

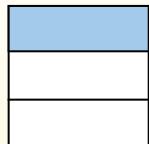
Use the visual model to solve each problem.

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

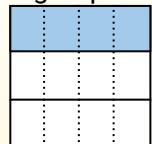
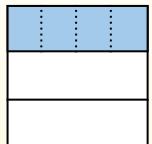
Split the whole into 3 pieces and fill in 1 section.



Next split  $\frac{1}{3}$  into 4 groups.



To figure out the size of each piece in comparison to the whole, split the whole into 4 groups.



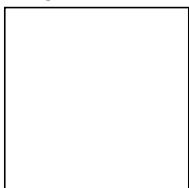
To solve, start with a whole.

Now you can see the size of  $\frac{1}{3}$

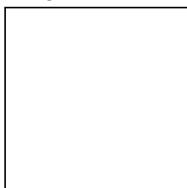
This shows the size of each piece.

Each piece is  $\frac{1}{12}$  of the whole.  
Or:  
 $\frac{1}{3} \div 4 = \frac{1}{12}$

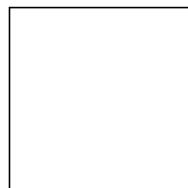
1)  $\frac{1}{3} \div 6 =$



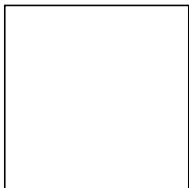
2)  $\frac{1}{5} \div 4 =$



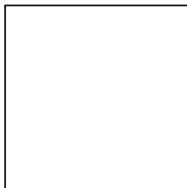
3)  $\frac{1}{9} \div 5 =$



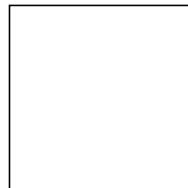
4)  $\frac{1}{2} \div 8 =$



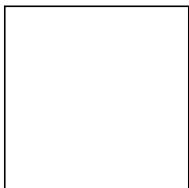
5)  $\frac{1}{4} \div 8 =$



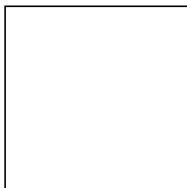
6)  $\frac{1}{9} \div 6 =$



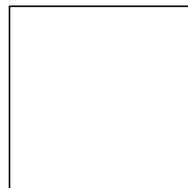
7)  $\frac{1}{9} \div 9 =$



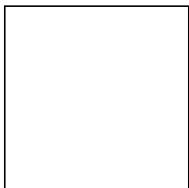
8)  $\frac{1}{7} \div 2 =$



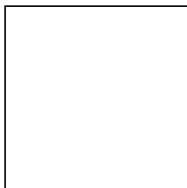
9)  $\frac{1}{5} \div 5 =$



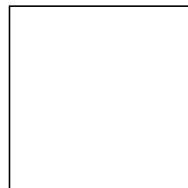
10)  $\frac{1}{6} \div 2 =$



11)  $\frac{1}{3} \div 8 =$



12)  $\frac{1}{2} \div 3 =$



## Answers

1. \_\_\_\_\_

2. \_\_\_\_\_

3. \_\_\_\_\_

4. \_\_\_\_\_

5. \_\_\_\_\_

6. \_\_\_\_\_

7. \_\_\_\_\_

8. \_\_\_\_\_

9. \_\_\_\_\_

10. \_\_\_\_\_

11. \_\_\_\_\_

12. \_\_\_\_\_



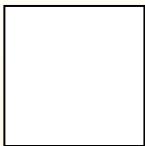
## Dividing Unit Fractions (Visual)

Name: **Answer Key**

Use the visual model to solve each problem.

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

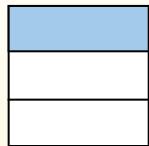
Split the whole into 3 pieces and fill in 1 section.



To solve, start with a whole.

Now you can see the size of  $\frac{1}{3}$

Next split  $\frac{1}{3}$  into 4 groups.



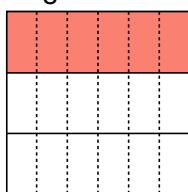
This shows the size of each piece.

To figure out the size of each piece in comparison to the whole, split the whole into 4 groups.

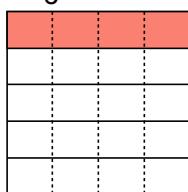


Each piece is  $\frac{1}{12}$  of the whole.  
Or:  
 $\frac{1}{3} \div 4 = \frac{1}{12}$

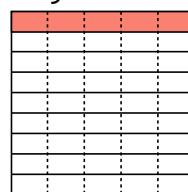
1)  $\frac{1}{3} \div 6 =$



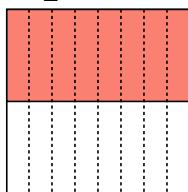
2)  $\frac{1}{5} \div 4 =$



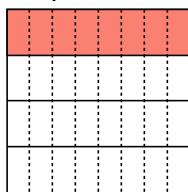
3)  $\frac{1}{9} \div 5 =$



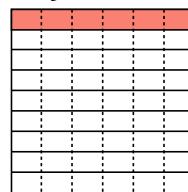
4)  $\frac{1}{2} \div 8 =$



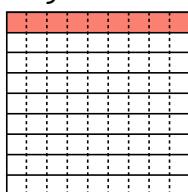
5)  $\frac{1}{4} \div 8 =$



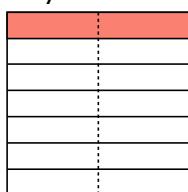
6)  $\frac{1}{9} \div 6 =$



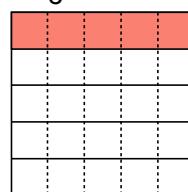
7)  $\frac{1}{9} \div 9 =$



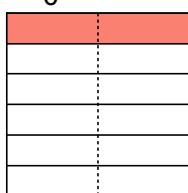
8)  $\frac{1}{7} \div 2 =$



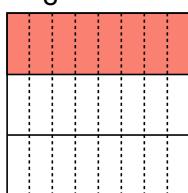
9)  $\frac{1}{5} \div 5 =$



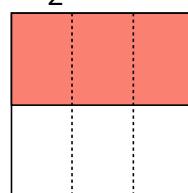
10)  $\frac{1}{6} \div 2 =$



11)  $\frac{1}{3} \div 8 =$



12)  $\frac{1}{2} \div 3 =$



## Answers

1.  $\frac{1}{18}$

2.  $\frac{1}{20}$

3.  $\frac{1}{45}$

4.  $\frac{1}{16}$

5.  $\frac{1}{32}$

6.  $\frac{1}{54}$

7.  $\frac{1}{81}$

8.  $\frac{1}{14}$

9.  $\frac{1}{25}$

10.  $\frac{1}{12}$

11.  $\frac{1}{24}$

12.  $\frac{1}{6}$