



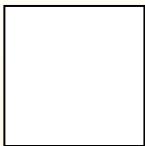
Dividing Unit Fractions (Visual)

Name: _____

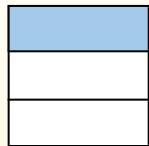
Use the visual model to solve each problem.

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

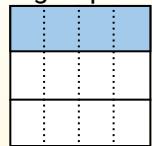
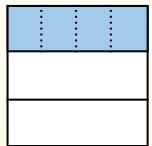
Split the whole into 3 pieces and fill in 1 section.



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.



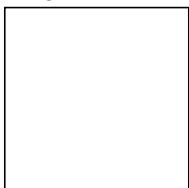
To solve, start with a whole.

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

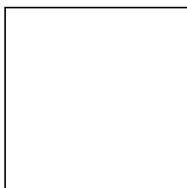
This shows the size of each piece.

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

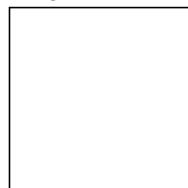
1) $\frac{1}{5} \div 4 =$



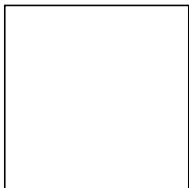
2) $\frac{1}{9} \div 2 =$



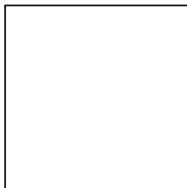
3) $\frac{1}{8} \div 6 =$



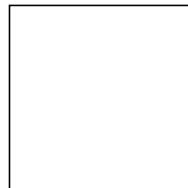
4) $\frac{1}{8} \div 5 =$



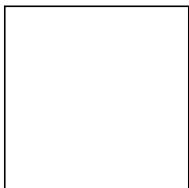
5) $\frac{1}{3} \div 2 =$



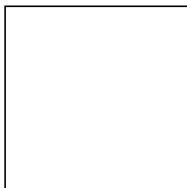
6) $\frac{1}{3} \div 7 =$



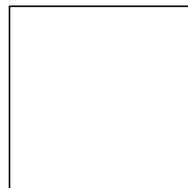
7) $\frac{1}{5} \div 2 =$



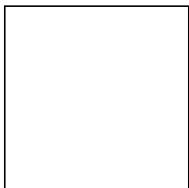
8) $\frac{1}{8} \div 9 =$



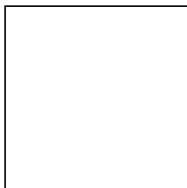
9) $\frac{1}{4} \div 7 =$



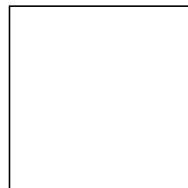
10) $\frac{1}{9} \div 9 =$



11) $\frac{1}{4} \div 9 =$



12) $\frac{1}{4} \div 3 =$



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.

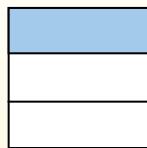


To solve, start with a whole.

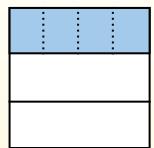
Now you can see the size of $\frac{1}{3}$

$$\frac{1}{3}$$

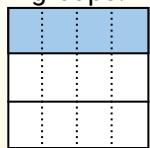
Next split $\frac{1}{3}$ into 4 groups.



This shows the size of each piece.



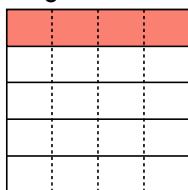
To figure out the size of each piece in comparison to the whole, split the whole into 4 groups.



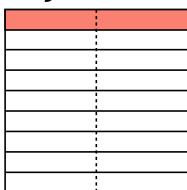
Each piece is $\frac{1}{12}$ of the whole.
Or:

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

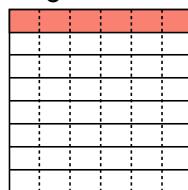
1) $\frac{1}{5} \div 4 =$



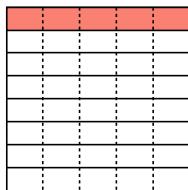
2) $\frac{1}{9} \div 2 =$



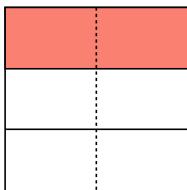
3) $\frac{1}{8} \div 6 =$



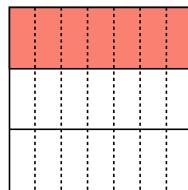
4) $\frac{1}{8} \div 5 =$



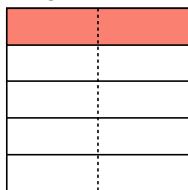
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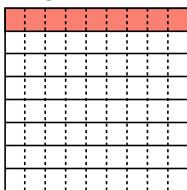
6) $\frac{1}{3} \div 7 =$



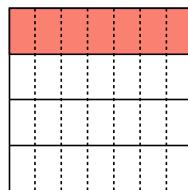
7) $\frac{1}{5} \div 2 =$



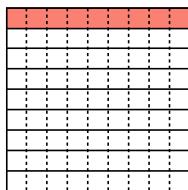
8) $\frac{1}{8} \div 9 =$



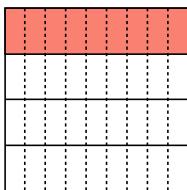
9) $\frac{1}{4} \div 7 =$



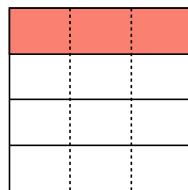
10) $\frac{1}{9} \div 9 =$



11) $\frac{1}{4} \div 9 =$



12) $\frac{1}{4} \div 3 =$



Answers

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

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

3. $\frac{1}{48}$

4. $\frac{1}{40}$

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

6. $\frac{1}{21}$

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

8. $\frac{1}{72}$

9. $\frac{1}{28}$

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

11. $\frac{1}{36}$

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