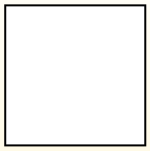
Dividing Unit Fractions (Visual)

Name:

Use the visual model to solve each problem.

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

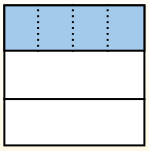


To solve, start with a whole.

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

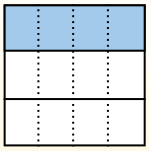
Now you can see the size of $\frac{1}{3}$

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

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

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

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

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

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

7) $\frac{1}{6} \div 5 =$

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

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

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

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

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

Answers

1. _____
2. _____
3. _____
4. _____
5. _____
6. _____
7. _____
8. _____
9. _____
10. _____
11. _____
12. _____

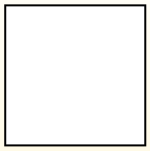
1-10	92	83	75	67	58	50	42	33	25	17
11-12	8	0								

Dividing Unit Fractions (Visual)

Name: **Answer Key**

Use the visual model to solve each problem.

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



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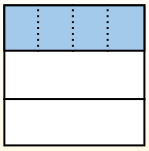
Split the whole into 3 pieces and fill in 1 section.

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

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



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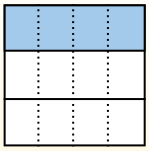
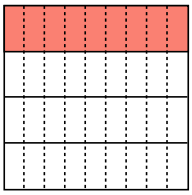
To figure out the size of each piece in comparison to the whole, split the whole into 4 groups.

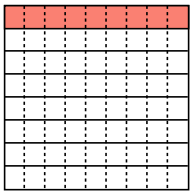


Each piece is $\frac{1}{12}$ of the whole. Or: $\frac{1}{3} \div 4 = \frac{1}{12}$

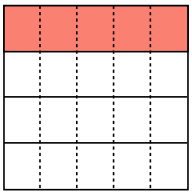
1) $\frac{1}{4} \div 9 =$



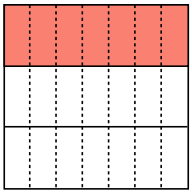
2) $\frac{1}{8} \div 9 =$



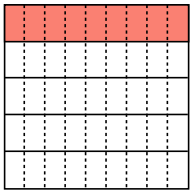
3) $\frac{1}{4} \div 5 =$



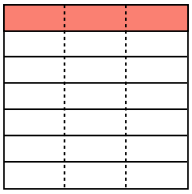
4) $\frac{1}{3} \div 7 =$



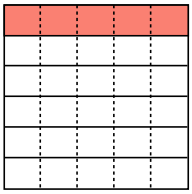
5) $\frac{1}{5} \div 9 =$



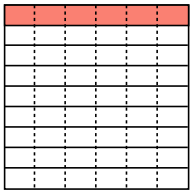
6) $\frac{1}{7} \div 3 =$



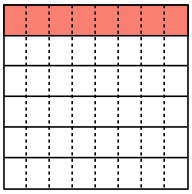
7) $\frac{1}{6} \div 5 =$



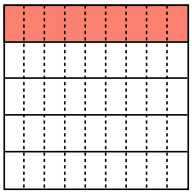
8) $\frac{1}{9} \div 6 =$



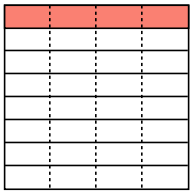
9) $\frac{1}{6} \div 8 =$



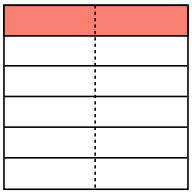
10) $\frac{1}{5} \div 9 =$



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



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



Answers

1. $\frac{1}{36}$
2. $\frac{1}{72}$
3. $\frac{1}{20}$
4. $\frac{1}{21}$
5. $\frac{1}{45}$
6. $\frac{1}{21}$
7. $\frac{1}{30}$
8. $\frac{1}{54}$
9. $\frac{1}{48}$
10. $\frac{1}{45}$
11. $\frac{1}{32}$
12. $\frac{1}{12}$

1-10	92	83	75	67	58	50	42	33	25	17
11-12	8	0								