

Dividing Unit Fractions (Visual)

Name:

Use the visual model to solve each problem.



To solve, start with a

whole.

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

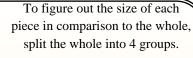
Split the whole into 3 pieces and fill in 1 section.

Now you can see the

size of $\frac{1}{3}$.

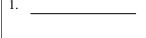
Next split $\frac{1}{3}$ into 4 groups.

This shows the size of each piece.



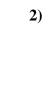


Each piece is $\frac{1}{12}$ of the whole. Or: $\frac{1}{3} \div 4 = \frac{1}{12}$

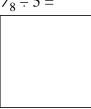


Answers

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



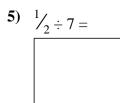
2)
$$\frac{1}{8} \div 5 =$$



3)
$$\frac{1}{8} \div 9 =$$



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



6)
$$\frac{1}{5} \div 9 =$$



10.	

7)
$$\frac{1}{6} \div 2 =$$

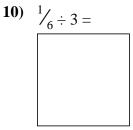


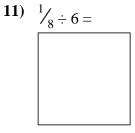
8)
$$\frac{1}{2} \div 7 =$$

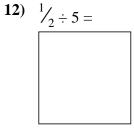


9)
$$\frac{1}{2} \div 6 =$$









Use the visual model to solve each problem.



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

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

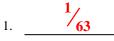
To figure out the size of each piece in comparison to the whole, split the whole into 4 groups.

Name:



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

Answers



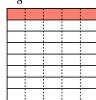
$$\frac{1}{40}$$

To solve, start with a whole. size of $\frac{1}{3}$.

Now you can see the

This shows the size of each piece.

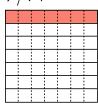
2) $\frac{1}{8} \div 5 =$



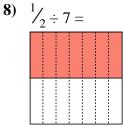
3) $\frac{1}{8} \div 9 =$



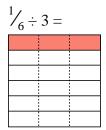
1) $\frac{1}{9} \div 7 =$

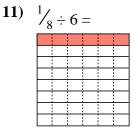


6)
$$\frac{1}{5} \div 9 =$$



9)
$$\frac{1}{2} \div 6 =$$





12)
$$\frac{1}{2} \div 5 =$$