Use the box to show a visual example of how to divide a fraction and a whole number.

\[
\frac{1}{3} \div 4 = ?
\]

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. \(\frac{1}{9} \div 4 = \)
2. \(\frac{1}{3} \div 8 = \)
3. \(\frac{1}{2} \div 9 = \)
4. \(\frac{1}{4} \div 9 = \)
5. \(\frac{1}{6} \div 2 = \)
6. \(\frac{1}{2} \div 6 = \)
7. \(\frac{1}{6} \div 3 = \)
8. \(\frac{1}{5} \div 3 = \)
9. \(\frac{1}{2} \div 8 = \)
10. \(\frac{1}{8} \div 7 = \)
11. \(\frac{1}{6} \div 8 = \)
12. \(\frac{1}{6} \div 7 = \)
Dividing Unit Fractions (Visual)

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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.

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\[ \frac{1}{3} \div 4 = \frac{1}{12} \]

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

5) \( \frac{1}{6} \div 2 = \)

6) \( \frac{1}{2} \div 6 = \)

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

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