

Code Breaker: Multiplying and Dividing Fractions *ANSWERS*

The Maths Habit

CRACK THE CODE

Work out each calculation and simplify your answer. Look your answer up in the **Code Box** and write the letter it unlocks in the white box. Collect all thirteen letters in the strip, then unscramble them to find the answer.

13 CLUES



1 $\frac{1}{2} \times \frac{1}{3}$ L	2 $\frac{2}{3} \times \frac{1}{5}$ O	3 $\frac{3}{4} \times \frac{1}{2}$ A	4 $\frac{2}{5} \times \frac{3}{4}$ A
5 $\frac{3}{4} \times \frac{2}{3}$ E	6 $\frac{5}{6} \times \frac{2}{5}$ K	7 $\frac{1}{2} \div \frac{1}{4}$ O	8 $\frac{1}{3} \div \frac{1}{2}$ C
9 $\frac{2}{5} \div \frac{2}{3}$ C	10 $\frac{3}{8} \div \frac{1}{2}$ H	11 $\frac{1}{6} \div \frac{2}{3}$ C	12 $\frac{5}{8} \div \frac{3}{4}$ T
13 $\frac{7}{10} \div \frac{4}{5}$ E	YOUR LETTERS L O A A E K O C C H C T E UNSCRAMBLE Clue: a dessert (9, 4) <u>CHOCOLATE CAKE</u>		

CODE BOX

$2 = O$	$\frac{1}{2} = E$
$\frac{1}{3} = K$	$\frac{2}{3} = C$
$\frac{1}{4} = C$	$\frac{3}{4} = H$
$\frac{2}{5} = P$	$\frac{3}{5} = C$
$\frac{1}{6} = L$	$\frac{5}{6} = T$
$\frac{1}{8} = S$	$\frac{3}{8} = A$
$\frac{7}{8} = E$	$\frac{1}{9} = M$
$\frac{3}{10} = A$	$\frac{1}{12} = I$
$\frac{2}{15} = O$	$\frac{4}{15} = R$
$\frac{3}{16} = N$	$\frac{15}{32} = D$



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