Fraction Word Problems Multiplying Fractions with Fractions

When you multiply a fraction with a fraction in a word problem, first, you must write the multiplication equation.

- Example: $\frac{1}{4}$ of Jasper's marbles are green. $\frac{2}{3}$ of his green marbles were given to him by his brother. What fraction of Jasper's marbles are green marbles given to him by his brother?
- 1. Write multiplication equation. $\frac{1}{4} \times \frac{2}{3}$
- 2. Multiply the numerator with numerator, multiply denominator with denominator.

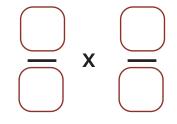
$\frac{1}{\mathbf{x}}$	2	← ^{numerator}	=	1 x 2	=	2
4	-	← denominator		4 x 3		12

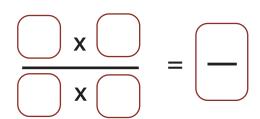
Solve the word problems by multiplying fractions.

 $\frac{2}{5}$ of Ashley's fruit are strawberries. $\frac{1}{4}$ of the strawberries are chocolate covered.

What fraction of Ashley's fruit are chocolate-covered strawberries?

- 1. Write the multiplication equation.
- 2. Multiply the numerator with the numerator, multiply the denominator with the denominator.





 $\frac{2}{3}$ of Mark's tea is white tea. $\frac{1}{2}$ of Mark's white tea was bought from England.

What fraction of Mark's tea came from England?