

Dividing fractions is like sharing a pizza with your friends! Imagine you have a pizza that is divided into 8 equal slices. If you want to share it equally with 2 friends, how many slices does each person get? To divide the pizza, you can think of it as splitting one whole into equal parts.

To divide fractions, you can use a simple rule - "keep, change, flip." Keep the first fraction the same, change the division sign to multiplication, and flip the second fraction upside down (take its reciprocal).

For example, if you want to divide  $\frac{2}{3}$  by  $\frac{1}{2}$ , you would keep  $\frac{2}{3}$  the same, change the division sign to multiplication, and flip  $\frac{1}{2}$  to get  $\frac{2}{3} \times \frac{2}{1} = \frac{4}{3}$ . So,  $\frac{2}{3} \div \frac{1}{2} = \frac{4}{3}$ . Just like sharing the pizza, each person gets  $\frac{4}{3}$  or 1 and  $\frac{1}{3}$  slices!

Remember, when dividing fractions, multiplying is the key! By following the "keep, change, flip" rule and multiplying the fractions, you can easily divide fractions just like sharing and distributing slices of pizza.

So, dividing fractions is all about breaking things into equal parts and making sure each part is shared evenly. It's a fun and simple way to understand fractions and division while enjoying a tasty pizza analogy!