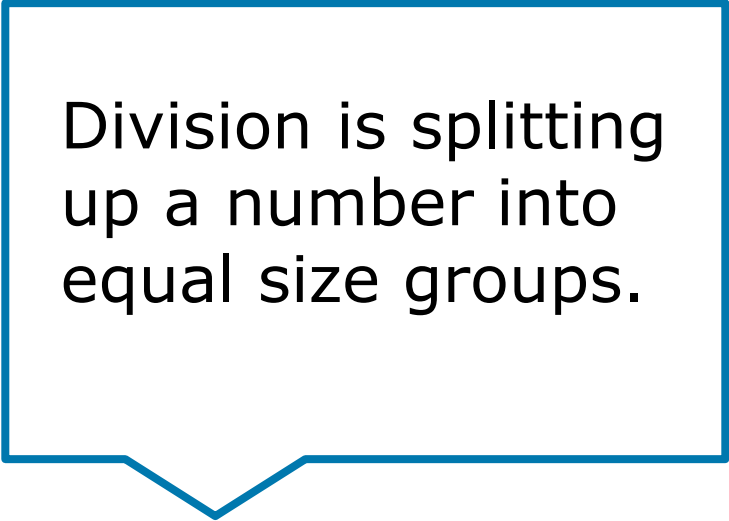


Mathematicians will learn how to divide whole numbers by unit fractions using models

What we already know about division....

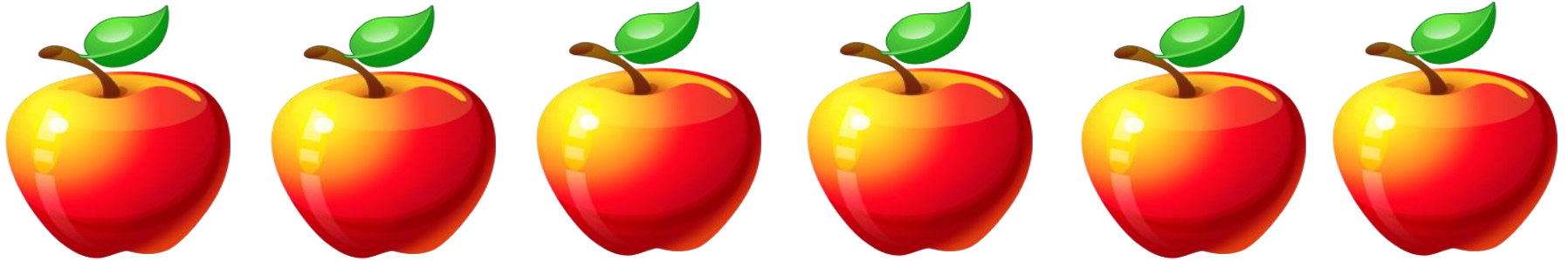
$$6 \div 2 =$$



Division is splitting
up a number into
equal size groups.

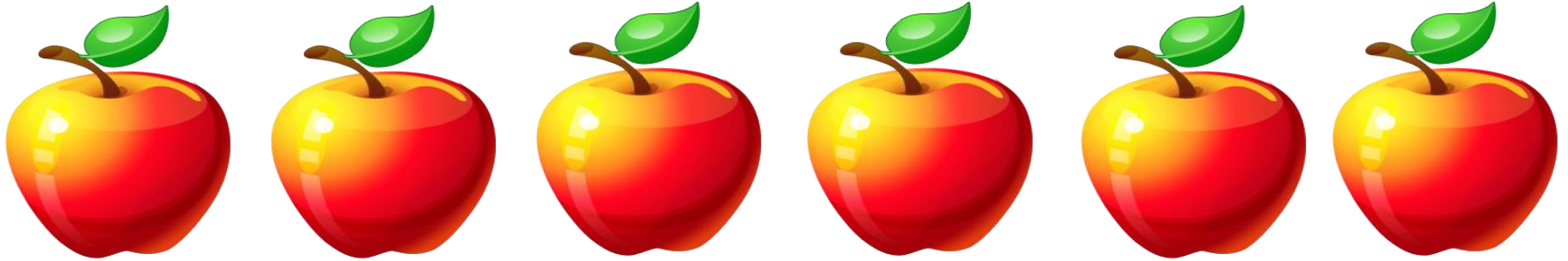
How many groups of 2 are in 6?

I have six apples. I am going to share my apples with some friends. If I give each friend 2 apples, how many of my friends can I give apples?



$$6 \div 2 =$$

How many groups
of 2 apples can I
make from 6
apples?



$$6 \div 2 = 3 \text{ friends}$$



Divisor

Number of apples in each group

$$6 \div 2 = 3 \text{ friends}$$

Dividend

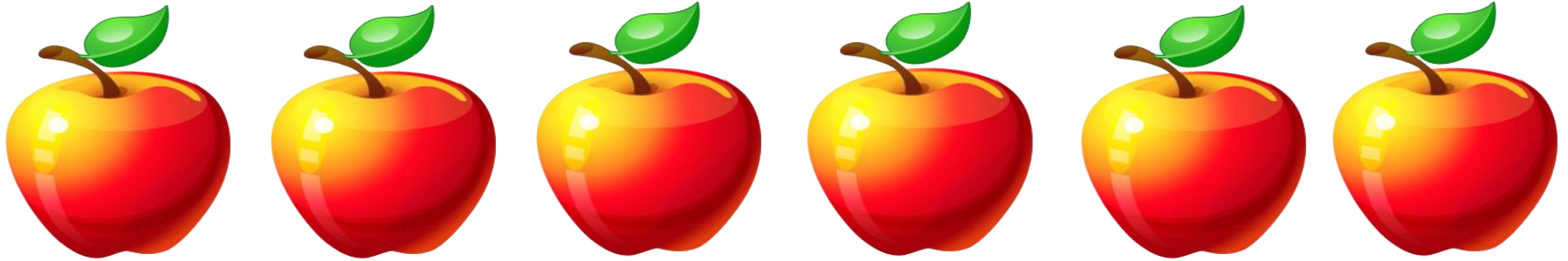
Total Number

QUOTIENT

Number of groups

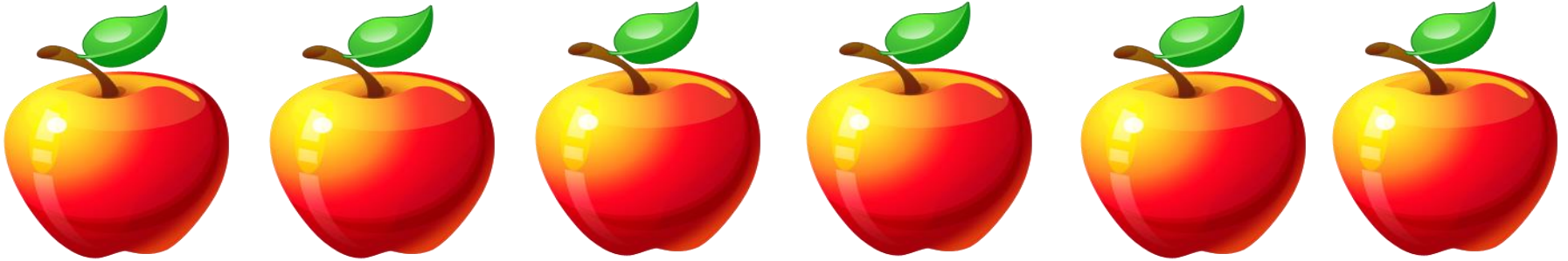


I have six apples. I am going to share my apples with some friends. If I give each friend $\frac{1}{2}$ an apple, how many of my friends can I give apples?

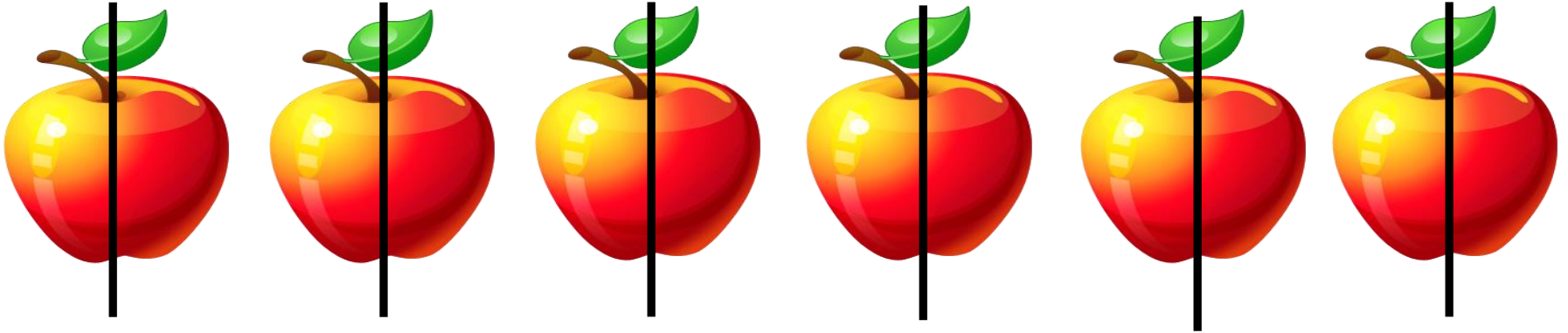


$$6 \div \frac{1}{2} = ?$$

How many groups of $\frac{1}{2}$ are in 6 wholes?



$$6 \div \frac{1}{2} = 12 \text{ friends}$$



I have 5 pizzas. I am going to share my pizzas with some friends. If I give each friend $\frac{1}{3}$ of a pizza, how many friends will get pizza?

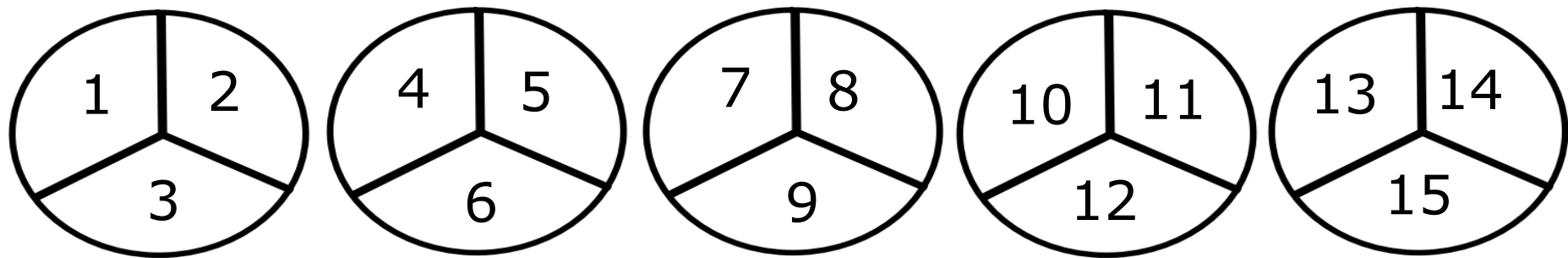


$$5 \div \frac{1}{3} = ?$$

How many groups of $\frac{1}{3}$ are in 5 wholes?

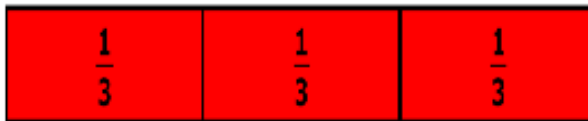
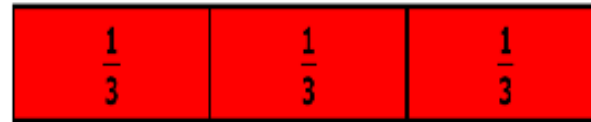
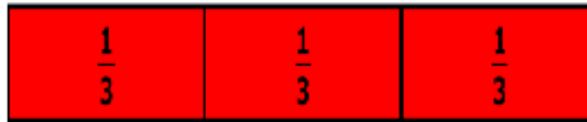
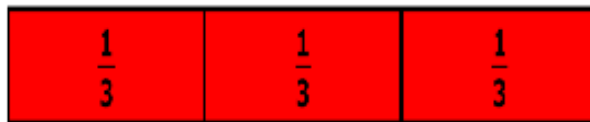


$$5 \div \frac{1}{3} = 15 \text{ friends}$$



Another way to model it.

$$5 \div \frac{1}{3} = 15$$



Mathematicians you have learned how to divide whole numbers by unit fractions using models