DIVISION

When completing a division problem we understand that we are breaking something into parts.
For example: $10 \div 2 = 5$. We have a thing(10) that we are breaking into parts(5).
We never ask what is really happening. We should ask:

How many of something(DIVISOR) go into the first number(DIVIDEND) to get the number of parts(QUOTIENT)?

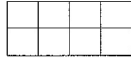To summarize: DIVIDEND ÷ DIVISOR = QUOTIENT.

Fill in the blanks:
The number being divided into is called the _____.
The number doing the dividing is called the_____.
The answer to a division problem is the_____.

Example: $8 \div 2 =$ ___   How many 2's go into 8? ___

Now try drawing this using squares. >>

In the example above, we divided a WHOLE number by another WHOLE number. We show how many 2's are in 8. We break 8 into 2's.
We can also divide a whole number by a fraction. We show how many of the fraction are in the whole number or we break the whole number into the specific fraction part.

Look at this:
$1 \div \frac{1}{2} = ?$
This is asking how many ½'s are in 1 or how many ½'s can we break 1 into? ___
How about using squares?
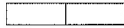
How about $2 \div \frac{1}{4}$ or how many 1/4's are in 2? _____

To sum up dividing a whole number by a fraction, we divide however many of the whole number there are into the specific fraction part.
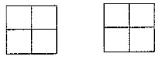
Dividing Whole Numbers by Fractions

For the items that have pictures, show the division of the wholes to find your answer.

(#1) $2 \div \frac{1}{4} =$ [ ]

(#2) $6 \div \frac{1}{2} =$ [ ]

(#3) $5 \div \frac{1}{3} =$ [ ]

(#4) $3 \div \frac{1}{9} =$ [ ]

For the items that have no pictures, use a math calculation to find your answer.

(#5) $4 \div \frac{1}{6} =$ [ ]

(#6) $2 \div \frac{1}{5} =$ [ ]

(#7) $3 \div \frac{1}{4} =$ [ ]

(#8) $8 \div \frac{1}{2} =$ [ ]

(#9) $6 \div \frac{1}{3} =$ [ ]