

## Division

Division is the operation that divides numbers into equal groups.

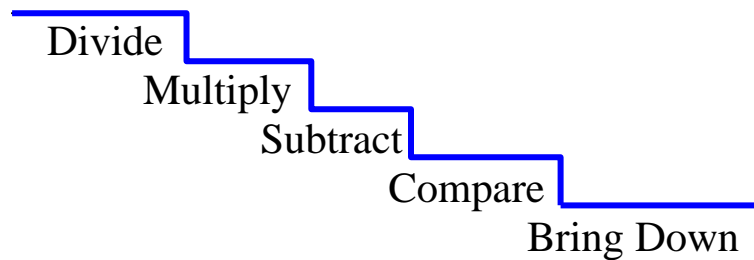
Dividend = the number of things to be divided

Divisor = the number of things in each group

Quotient = the answer that shows how many groups

Remainder = anything left over that won't fit into equal groups.

Steps in division:



Dirty	Monkeys	Smell	Completely	Bad
I	U	U	O	R
V	L	B	M	I
I	T	T	P	N
D	I	R	A	G
E	P	A	R	
	L	C	E	D
	Y	T		O
				W
				N

I have fifty-three cards and I want to put six cards in each group. How many groups can I make?

$$\begin{array}{r} \text{x} \quad 8 \text{ r. } 5 \\ 6 \overline{) 53} \\ \underline{- 48} \\ 5 \end{array}$$

To check:	8	Quotient
	<u>x 6</u>	<u>x Divisor</u>
	48	
	<u>+ 5</u>	<u>+ Remainder</u>
	53	Dividend

Practice problems: Find the quotient with its remainder and then check.

$$16 \overline{) 65}$$

$$12 \overline{) 89}$$

$$23 \overline{) 538}$$

$$10 \overline{) 789}$$

$$43 \overline{) 4219}$$

$$67 \overline{) 6379}$$