













- MY 2ND GRADE MATH HELPER -

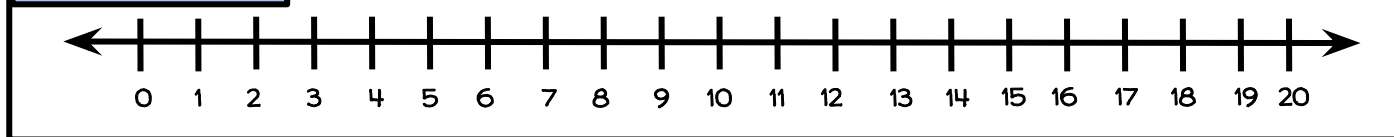
SHAPES

 Circle	 Triangle	 Rectangle
 Rhombus	 Pentagon	 Trapezoid
 Oval	 Hexagon	 Square

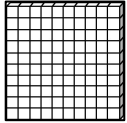


SYMBOLS

 Greater than	 Equal to	 Less than
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NUMBER LINE



BASE TEN BLOCKS

HUNDREDS	TENS	ONES
		

PLACE VALUE 523

HUNDREDS	TENS	ONES
5	2	3

Math can be hard, but I **CAN** do it!



ADDITION

Add

Total

Sum

Altogether

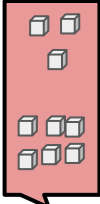
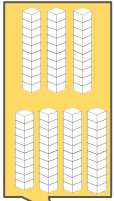


How can we solve
 $33 + 46$?

Base Ten

33

46



$$33 + 46 = 79$$

Standard

$$\begin{array}{r} 33 \\ + 46 \\ \hline 79 \end{array}$$

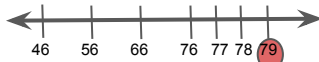
Expanded Form

$$33 \Rightarrow 30 + 3$$

$$46 \Rightarrow 40 + 6$$

$$\begin{array}{r} 33+3 \\ + 40+6 \\ \hline 70+9 \end{array}$$

Number line



1. Write the larger number at the start of the number line.
2. Make jumps of 10 first to the right.
3. Then make jumps of one to the right.

There is **ALWAYS** more than one way to solve the problem!



SUBTRACTION

Subtract

Minus

Less

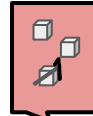
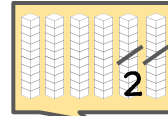
Difference



How can we solve
 $63 - 21$?

Base Ten

63



1. Draw the larger number with base ten blocks.
2. Take away the smaller number.
3. Count the rest of base ten blocks.

$$63 - 21 = 42$$

Standard

$$\begin{array}{r} 63 \\ - 21 \\ \hline 42 \end{array}$$

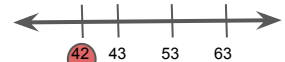
Expanded Form

$$63 \Rightarrow 60 + 3$$

$$21 \Rightarrow 20 + 1$$





$$\begin{array}{r} 60+3 \\ - 20+1 \\ \hline 40+2 \end{array}$$

Number Line

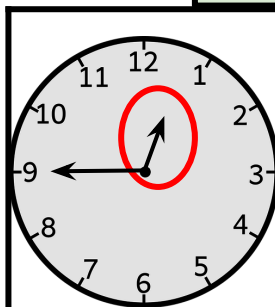


1. Write the larger number at the end of the number line.
2. Make jumps of 10 to the left.
3. Then make jumps of one to the left.

I can always
learn things
that I don't
know yet!

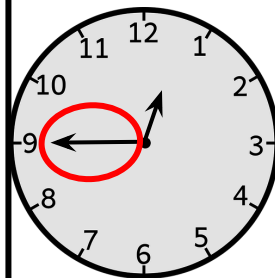
			
Penny	Nickel	Dime	Quarter
1¢ (1 Cent)	5¢ (5 Cent)	10¢ (10 Cent)	25¢ (25 Cent)

12:45



HOURLY HAND

Look at the
last number
the hour
hand passed.



MINUTE HAND

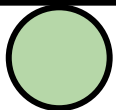
Look at the
last number
the hour hand
passed.

1	2	3	4	5	6	7	8	9	10
11	12	13	14	15	16	17	18	19	20
21	22	23	24	25	26	27	28	29	30
31	32	33	34	35	36	37	38	39	40
41	42	43	44	45	46	47	48	49	50
51	52	53	54	55	56	57	58	59	60
61	62	63	64	65	66	67	68	69	70
71	72	73	74	75	76	77	78	79	80
81	82	83	84	85	86	87	88	89	90
91	92	93	94	95	96	97	98	99	100

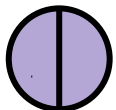


1 FEET = 12 INCHES
3 FEET = 1 YARD

FRACTIONS



1 Whole (1)



Halves ($\frac{1}{2}$)



Thirds ($\frac{1}{3}$)



Fourths ($\frac{1}{4}$)



Sixths ($\frac{1}{6}$)

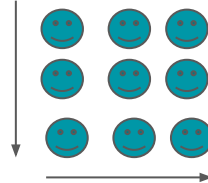


Eighths ($\frac{1}{8}$)

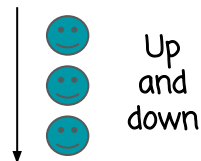
Arrays:

A set that shows equal groups in rows and columns.

Arrays



Columns



Up
and
down

Rows

Side to side



SHAPES



Cone



Cube



Rectangular
Prism



Cylinder



Triangular
Prism

Math is
challenging,
but I can
use my
strategies
to solve it!

