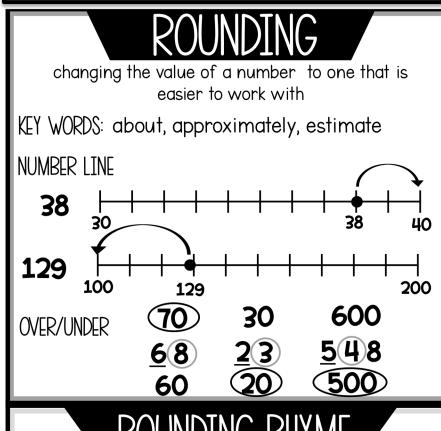


Math Tips and Tricks



ROUNDING RHYME

5 OR MORE, RAISE THE SCORE 4 OR LESS, LET IT REST!

ALL ABOUT MULTIPLICATION

MULTIPLICATION

of groups x # of objects per group = total # of objects

REPEATED ADDITION

$$9 + 9 + 9 = 27$$

DRAW A PICTURE

SKIP COUNT

9, 18, 27

PROPERTIES OF MULTIPLICATION

ZERO
$$6 \times 0 = 0$$

COMMUTATIVE $5 \times 4 = 4 \times 5$
ASSOCIATIVE $2 \times (4 \times 3) = (2 \times 4) \times 3$
DISTRIBUTIVE $9 \times 4 = (2 \times 4) + (7 \times 4)$

DIVISION

sharing or grouping a number into equal parts

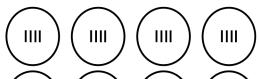
REPEATED SUBTRACTION

$$8 - 8 = 0$$

ARRAY



DRAW A PICTURE





FACT FAMILY

$$8 \times 4 = 32$$

ALL ABOUT PROBLEM SOLVING



PROBLEM SOLVING STRATEGY

UNDERSTAND what the problem is asking and <u>underline</u> or <u>circle</u> important information.

PLAN and think about how to solve the problem. Which strategy will be used to solve the problem?

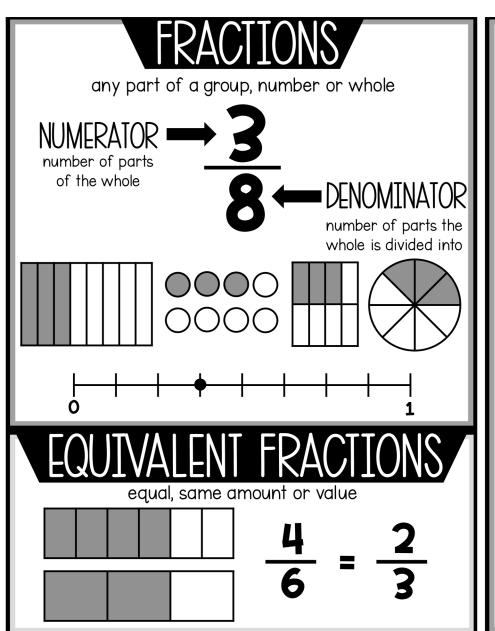
SOLVE the problem and SHOW YOUR WORK.

CHECK your answer with another strategy and by rereading the question.

WORD PROBLEMS

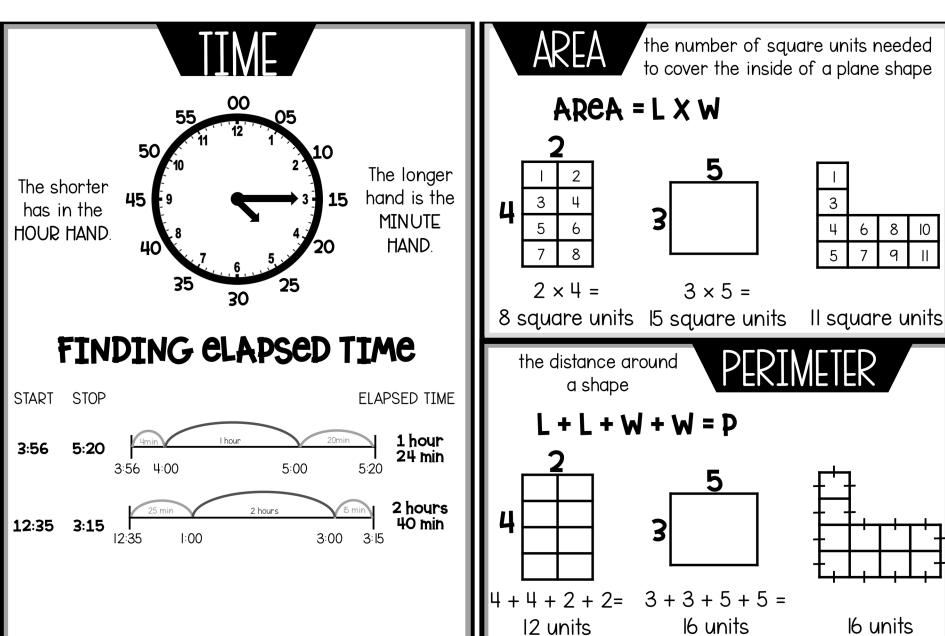
ADDITION	SUBTRACTION	MULTIPLICATION	DIVISION
+		X	÷
add(ed) to all together both combined in all increase by more than perimeter plus sum total	decreased by difference fewer than how many more left less less than minus remaining take away	area multiplied by of by per product of rate times triple twice each person each group every total	quotient divide into amount of each divided by equal parts split up break up per out of each get(s) each have/has every

ALL ABOUT FRACTIONS

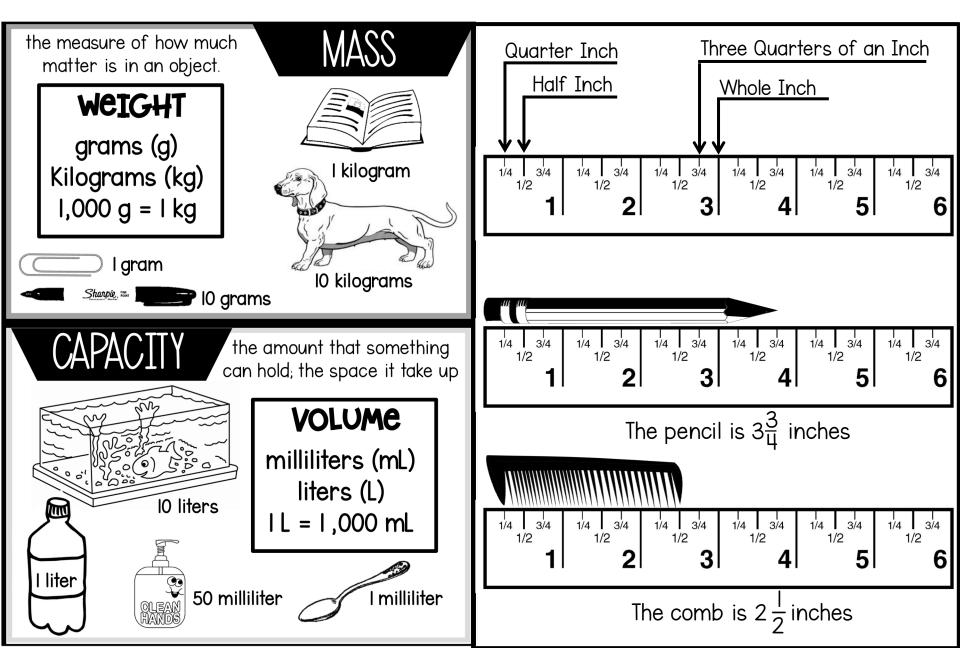


	FRACTION STRIPS								
	1								
	1 2				1 2				
	$\frac{1}{3}$ $\frac{1}{3}$			1/3					
	1 1 4		1 4	1 4		1/4			
1 5	$\frac{1}{5}$ $\frac{1}{5}$		1 1	<u> </u>	1 5	-	<u>1</u> 5		
1 6		1 6	1 6	1/6	1 6		1/6		
1 8	1 8	1 8	1 8	1 8	1 8	1 8	1 8		
1 10	10		1 1 0 10	1 10	1 1 10 10	1 10	1 10		
$\frac{1}{12}$	1 1 2 12	1	1 1 12 12	1 1 12 12	1 12	1 1 12 12	_		

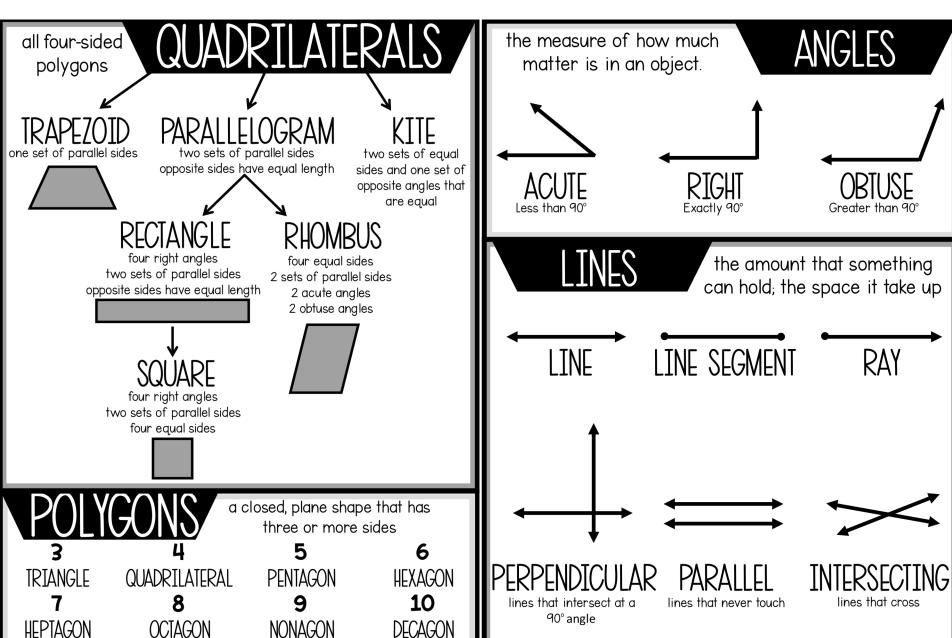
ALL ABOUT MEASUREMENT



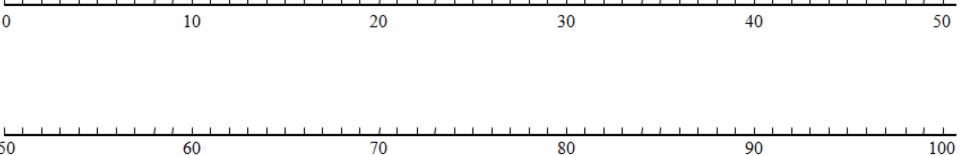
ALL ABOUT MEASUREMENT



ALL ABOUT GEOMETRY



NUMBER LINE



MULTIPLICATION CHART

Х	0		2	3	4	5	6	7	8	9	10
0	0	0	0	0	0	0	0	0	0	0	0
- 1	0	_	2	3	4	5	6	7	8	9	10
2	0	2	4	6	8	10	12	14	16	18	20
3	0	3	6	9	12	15	18	21	24	27	30
4	0	4	8	12	16	20	24	28	32	36	40
5	0	5	10	15	20	25	30	35	40	45	50
6	0	6	12	18	24	30	36	42	48	54	60
7	0	7	14	21	28	35	42	49	56	63	70
8	0	8	16	24	32	40	48	56	64	72	80
9	0	9	18	27	36	45	54	63	72	81	90
Ю	0	10	20	30	40	50	60	70	80	90	100