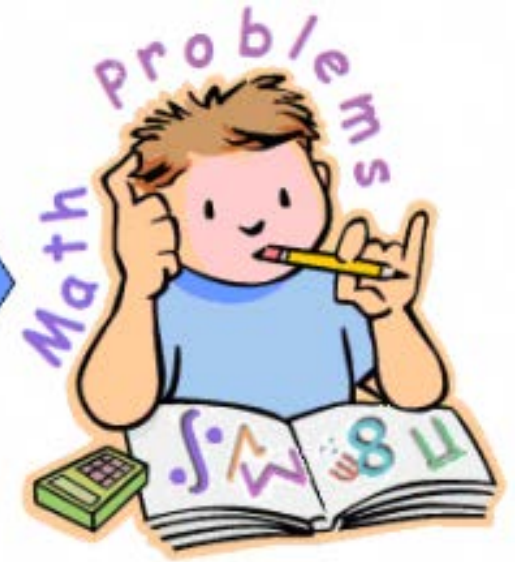


# Word Problems: No Problem!



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HELPING YOUR CHILD WITH WORD PROBLEMS.

SHARON AND MARTIN BAKNER

## Word Problem Strategies

Visualize the problem



Draw a picture



Underline key words



Make a number sentence

$$7 + \boxed{?} = 10$$

Use a number line



Busy Bee Speech

+

add  
total  
sum  
all together  
in all  
both  
plus  
combined

Busy Bee Speech

-

subtract  
fewer  
how many more  
left  
less than  
minus  
need to  
remain  
take away

Busy Bee Speech

×

multiply  
times  
every/each  
at this rate  
product  
area  
of

Busy Bee Speech

÷

divide  
each  
quotient  
per  
out of  
into  
separated

Busy Bee Speech

1. Read the entire problem
  2. Look for key words
  3. Underline or highlight key words
  4. Visualize, draw, make a number sentence or draw a number line.
- Remember not all the numbers need to be used and sometimes there can be missing information.

# Addition

add

altogether

and

both

how many

how much

in all

increased by

plus

sum

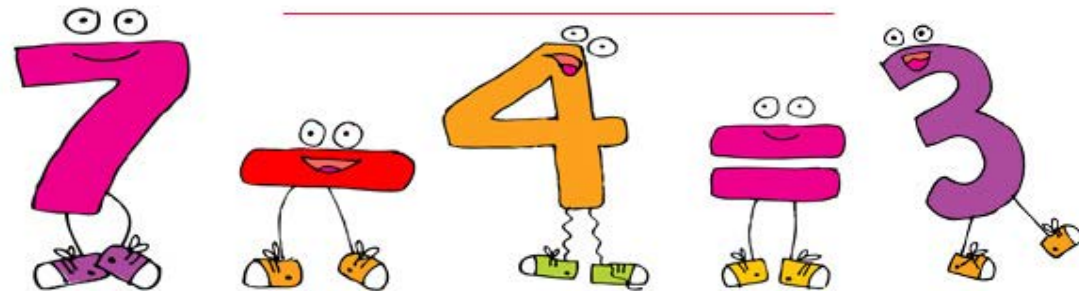
together

total



# Subtraction

are not  
change  
decreased by  
difference  
fewer  
have left  
how many did not have  
how many more  
how much more  
less than  
remain  
subtract  
take away  
taller / shorter



# Multiplication

by (dimension)  
double  
each group  
multiplied by  
of  
product of  
times  
triple

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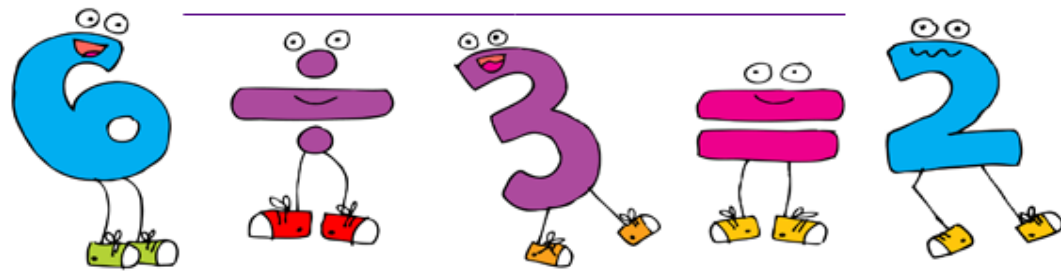
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# Division

as much  
cut up  
divided by  
each group has  
half (or other fractions)  
how many in each  
parts  
quotient of  
separated  
share something equally  
split



# Math Code Words

## Addition – will give you a larger number

(SUM)

add

perimeter

altogether

spend/spent

joined

both

and (between 2 numbers)

in all

total

combined

plus

also

“more” before the question

## Subtraction – will give you a smaller number

(DIFFERENCE)

less

less than

fewer

decrease

gave

reduce

change

off

left

minus

“not” in the question

How many more?

How much more?

## Multiplication – will give you a larger number

(PRODUCT)

times

twice

area and volume

“each” before the question

“per” before the question

“every” before the question

“one” before the question

## Division – will give you a smaller number

(QUOTIENT)

separate

equal or equally

half

remainder

goes into

split

“each” in the question

“per” in the question

“every” in the question

“one” in the question





1. Kenzie wanted to bring her cat in for Pet Day at school. Her uncle assisted her in building a small cage to transport her cat to school. The cage was 26.7 inches long and nineteen inches wide. What was the perimeter of the carrying case?

2. Christian wanted to buy carpet for the new room he built in his cabin up in the north woods. The room had dimensions that were 16 feet by 22 feet. What is the area of the room that he will need to cover?

3. In autumn, Matthew helps his father gather the buckets of milk from their cows in the barn. Each bucket has five quarts of milk in it. Matthew and his father gathered thirty-one buckets of milk. How many gallons of milk did they gather? Write your answer in decimal format.

4. The Los Angeles Lakers are playing against the Chicago Bulls on Saturday at the United Center. Tickets went on sale Tuesday and 11,297 tickets were sold. If the total number of tickets available is 18,550, how many tickets were available for sale on Wednesday?

5. Judy had to buy fruit for her family to eat. She bought  $\frac{1}{4}$  of the 12 apples that were on display and  $\frac{3}{4}$  of the 16 oranges that were available. How many of each did she buy?

6. Gianna spent \$2.35 on a bus ticket to ride across town. If she gave the bus driver \$5, how much change should the bus driver give Gianna?

7. Michael wanted to make a chart illustrating the survey he took in class. He used a sheet of poster board that was 12 inches wide and 32 inches long. He divided the poster board into four equal sections. What was the area of each section?

8. Cynthia drew a picture of the White House to put on the Social Studies bulletin board in her classroom. She bought some charcoal pencils to do her drawing and some erasers. The erasers cost \$3.91 and the pencils cost \$5.81. The clerk added 7% tax. How much did Cynthia spend?

**Thank You**