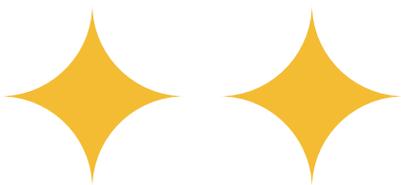
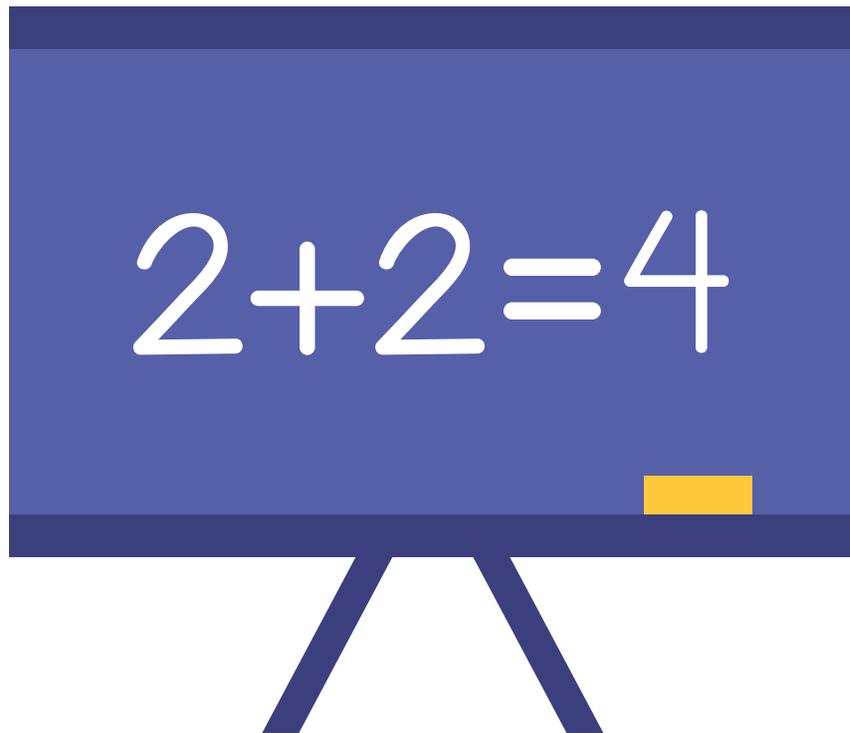




Revision Guides

Word Problems 2

Solving math problems



Hello

As we learned in our previous part, Math problems aren't always written as numbers. They can be written out as word problems.

We also learned How to use an "ATTACK PLAN" to solve this type of problems.

This guide will help you understand few more tips and tricks on how to solve word problems.

This guide goes along with our video on Word Problems. You can find it in our Online Classroom at www.litcenter.org.

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Revision

Do you remember using an "ATTACK PLAN"
THIS IS HOW WE TRIED TO SOLVE THE PROBLEM

-
What is the problem about?

Read the question at least twice. Try to visualize what you're being told in the question.

What is the problem asking me to do?

The question will probably be giving you lots of different information - some of which you won't need. You might even be given different types of numbers, like fractions and whole numbers. Figure out what the question is asking you.

How can I solve this?

Figure out what you need to do to solve the question.

What operation should I use?

Decide what operation you need to use - addition, subtraction, multiplication...

Let's look at this strategy in action.

Example



Debbie has 7 comic books. John has 5 comic books.
How many comic books do they have altogether?

What is the problem about?

This question is all about comics and how many there are.

What is the problem asking me to do?

I'm being asked to find out how many comics Debbie and John have collectively.

How can I solve this?

If I add how many comics Debbie and John have, I'll know how many comics they have altogether.

What operation should I use?

I'm adding, so it's addition!

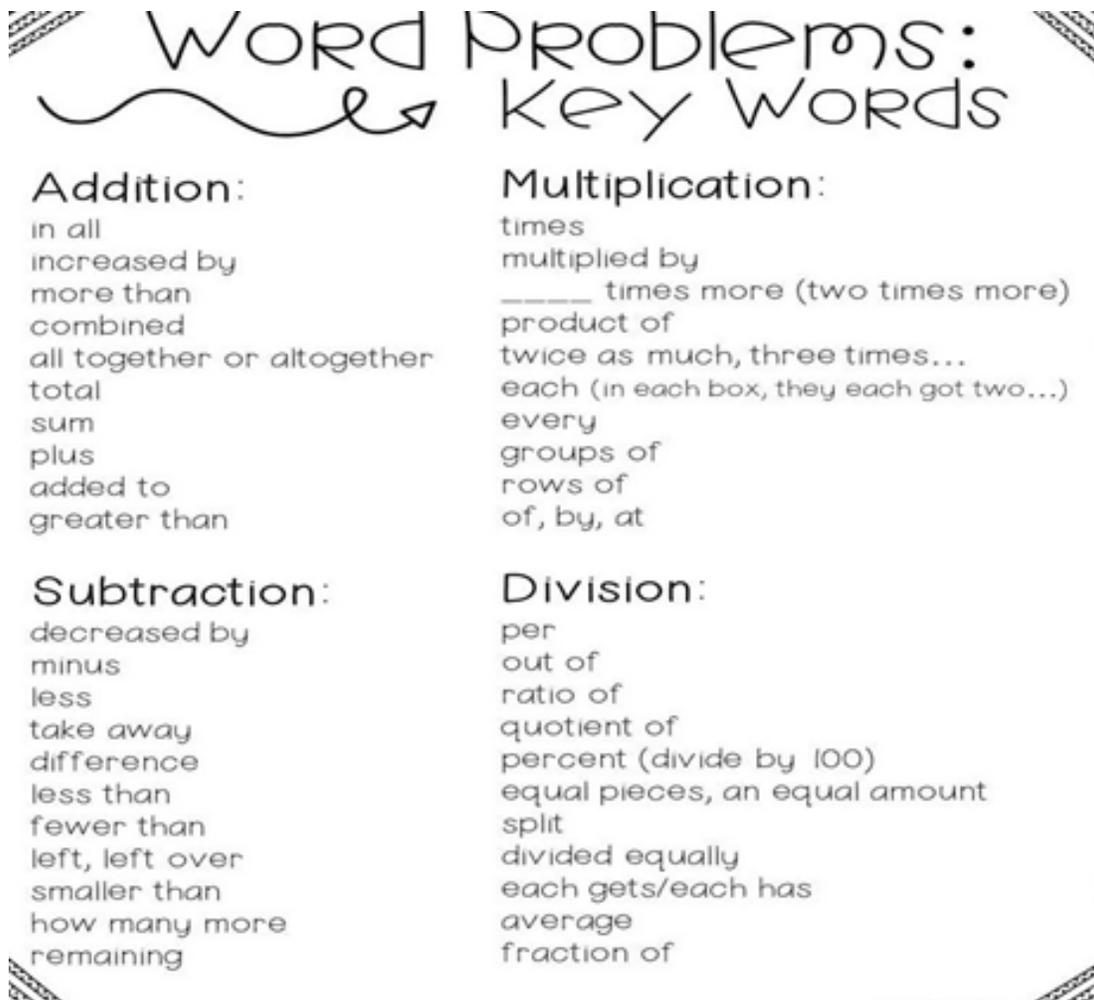
$$7 + 5 = 12$$

In addition to our "ATTACK PLAN"

Look for "KEYWORDS"

For Example -
 Altogether
 How many
 In total

See the examples of keywords you can find in many word problems -



Let's try some examples –
So when you see something like this –

John has 7 comic books and Sarah has 5. How many comic books do they have altogether?

Uranus has 11 rings. Neptune has 4 rings. How many rings do they have altogether?

**Key Identifying Words: “altogether”,
“together”, “how many”**

There are 18 ducks. Then 5 more swim over. How many ducks are there now?

John has 7 comic books. Then Sarah gave him 5 more. How many comic books does John have now?

Key Identifying Words: “then”, “now”

Tips

In addition to the tips you got from the first part -

Try to Practice Word Problems Often

Just like it takes practice to learn to play the clarinet, to dribble a ball in soccer, and to draw realistically,

it takes practice to become a master word problem solver.

When you will practice word problems, often several things happen.

Word problems become less scary (no, really).

You will gain confidence even when dealing with new types of word problems.



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The Literacy Center is a 501(c)(3) non-profit organization dedicated to improving adult literacy and education, thereby strengthening our community.