



SOLVING PROBLEMS



- **WALT: Read, Solve and understand Word Problems.**
- **WILF: I can use the RUCSAC method to Read, Solve and Understand Word Problems.**

A Quick Recap!

We've learnt how to solve word problems using the RUCSAC method. We used this method to solve addition and subtraction word problems.



Today!

We are going to learn how to solve **division** word problems using the **RUCSAC** method.



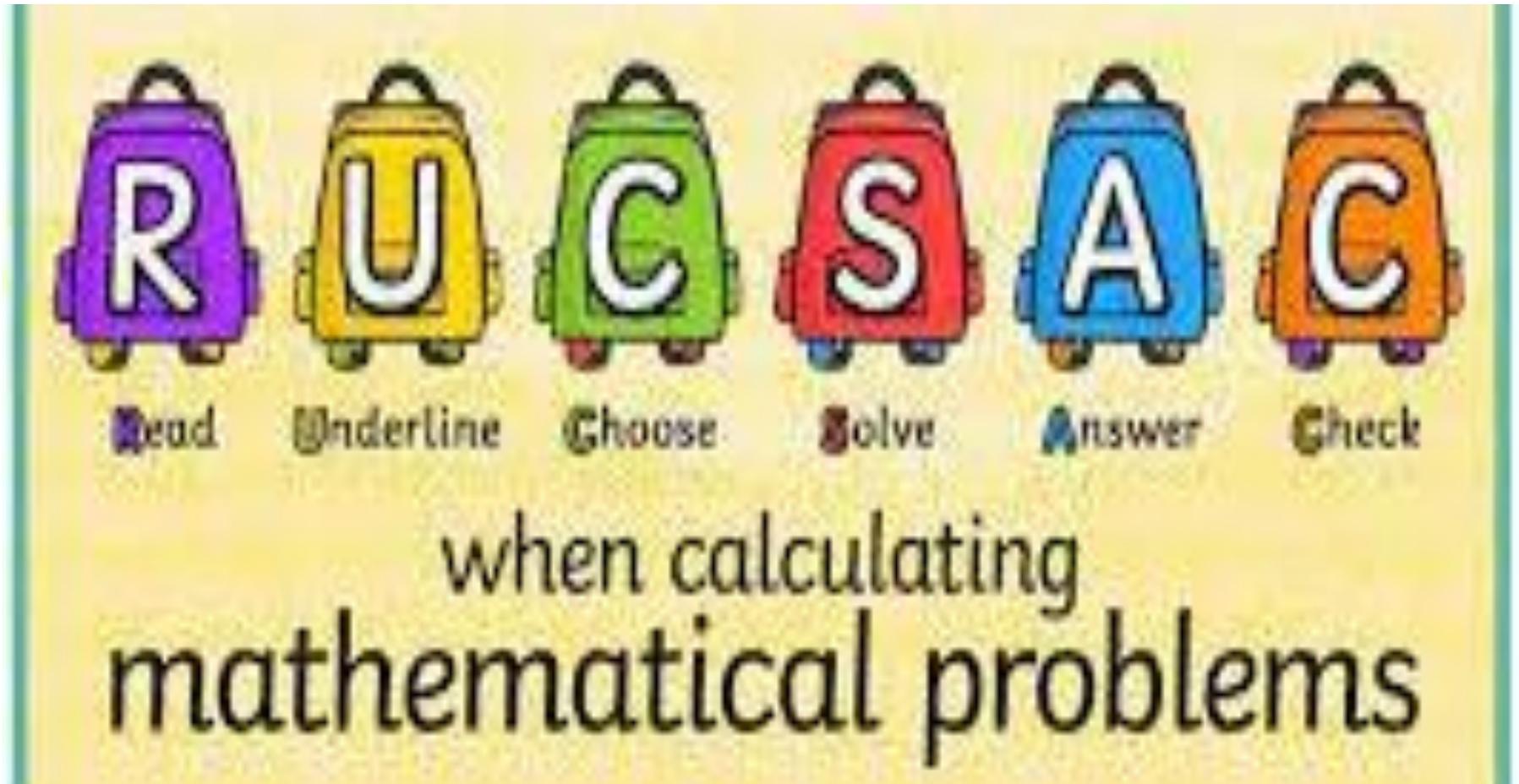
- When we solve word problems the first thing, we must do is read the question.
- Then we must understand it. If there are words such as:

- Divide by
- Share
- Group



It means that we must DIVIDE. These are all the **different** ways of saying **DIVISION !!**

So what is the **RUCSAC** Method



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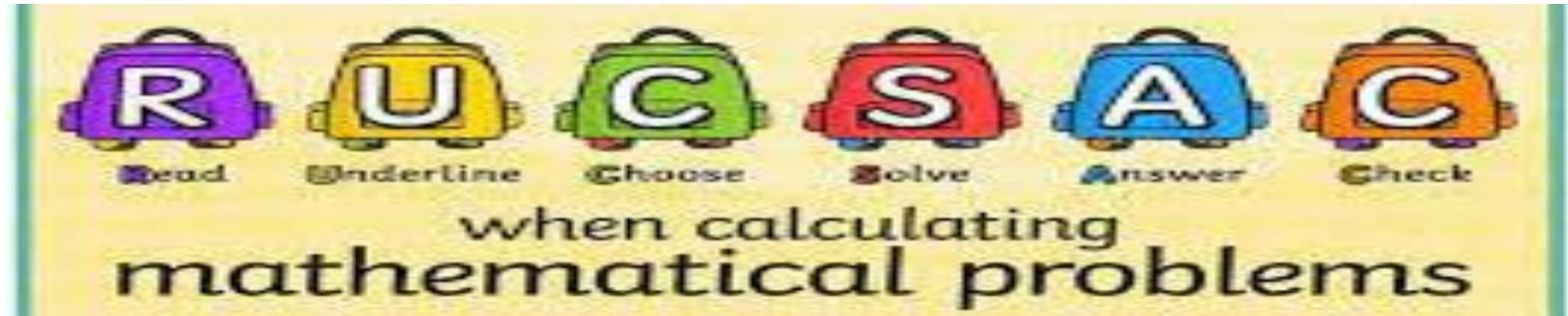


- **R**ead
- Understand
- **C**hoose number operation EG: **ADDING**, **SUBTRACTING**, **MULTIPLYING** AND **DIVIDING**
- **S**olve the problem
- **A**nsWER the problem
- **C**heck the answer



Lets try some examples using the
Rucsac Method





To solve division word problems the number will become smaller because we are **SHARING!**

So you are giving things away.

Today we are going to
learn how to solve
division word
problems.





Remember in a word problem you must **ALWAYS** look at the **numbers first**.

Then you can write your number sentence.
Just like the example.

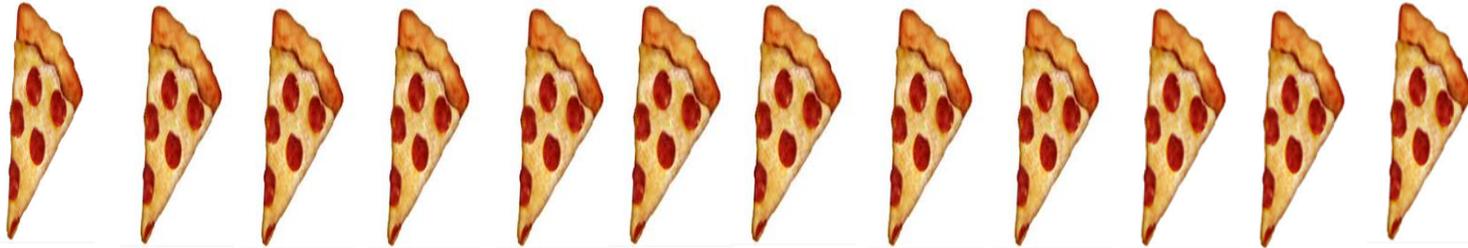
Jon's mum has **10** cupcakes. She shares them with the **2** boys. How many did they get each?



$$10 \div 2 = 5$$



Liz had 12 slices of pizza. She shares it with 3 friends. How many slices did they get?

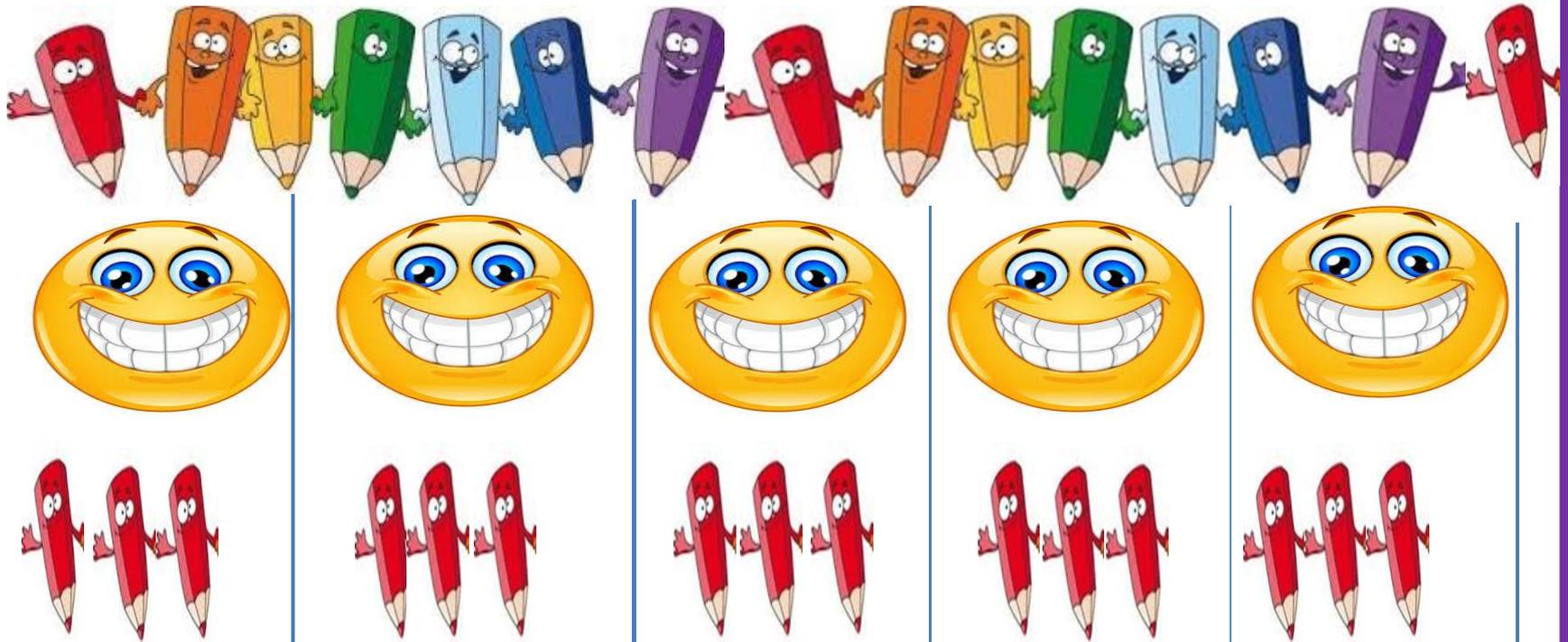


$$12 \div 3 = 4$$



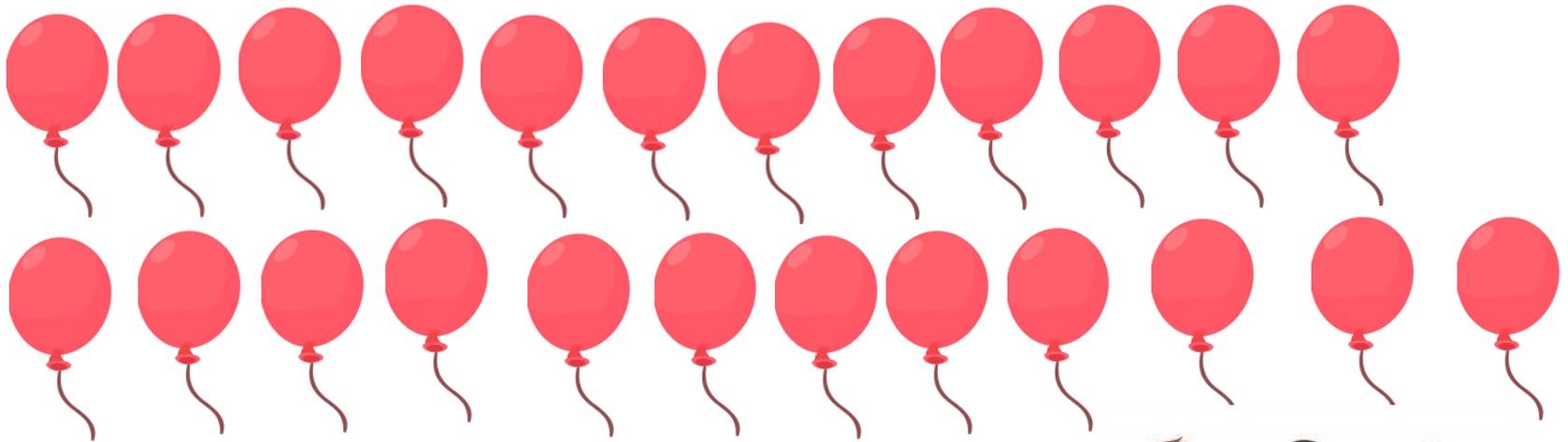
Ashley had 15 colouring pencils. He groups them into 5 groups. How many are in each group?

$$15 \div 5 = 3$$



Now you can have a practice!

There are 24 balloons in a pack. They are divided by 3 friends. Tom, Zak and Lyn. How many do they get each?



$$24 \div 3 =$$



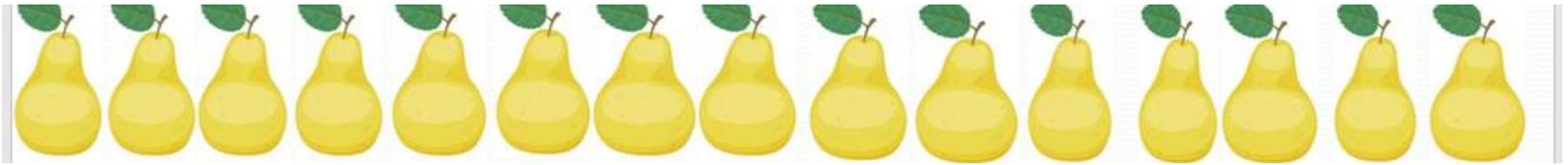
There are 24 biscuits in a packet. They are shared by 2 children. How many did they get?



$$24 \div 2 =$$



There are **15** pears in a box. They are divided by **5** friends. How many did they get?



$$15 \div 5 =$$



Your Challenge!

Solve the Word Problems!



1. Kian has 10 football stickers. He shares them between his 2 friends. How many stickers do they get each?
2. Lottie has 15 sweets. She shares them between 5 children. How many sweets does each child get?
3. Katie has 30 dolls. She shares them between 3 of her friends. How many dolls do they have each?
4. There are 20 books in total and they are shared in groups of 2. How many books are in each box?
5. 35 flowers are shared between 5 vases. How many flowers go in each vase?
6. The milkman has 27 bottles of milk, if he delivers 3 bottles to each house, how many houses will he deliver to?
7. Mrs Evans shares 18 rulers out between her group of 2 children, how many rulers did each child get?
8. Tom has 45 Match Attax cards. He shares them between his 5 friends. How many cards do they get each?

PLENARY

- When we solve word problems the first thing, we must do is read the question.
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