SOLVING PROBLEMS

- WALT: Read, Solve and understand Word Problems.

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

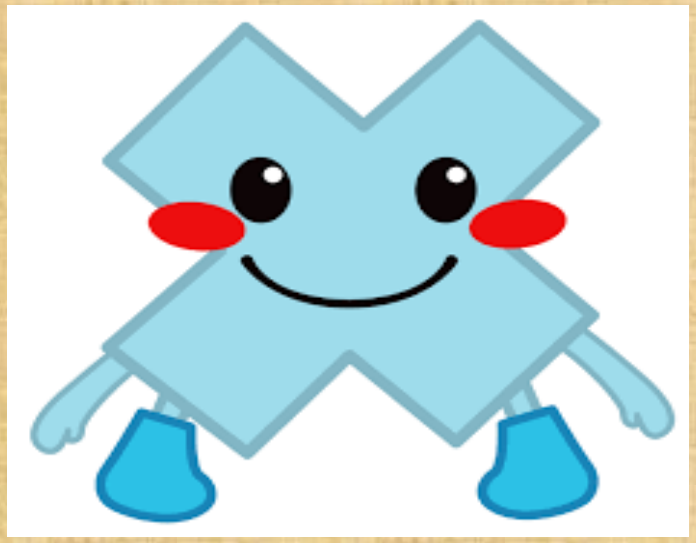
A Quick Recap!

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

Addition, subtraction and division word problems.

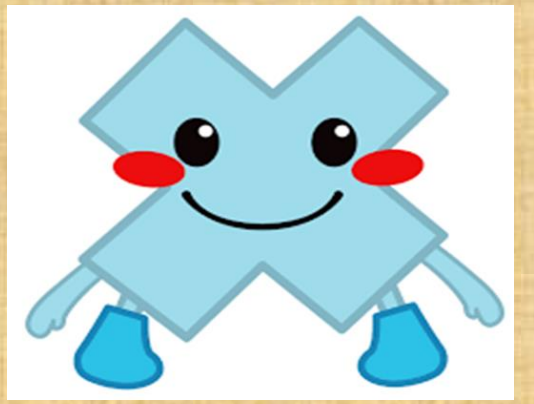
Today!

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



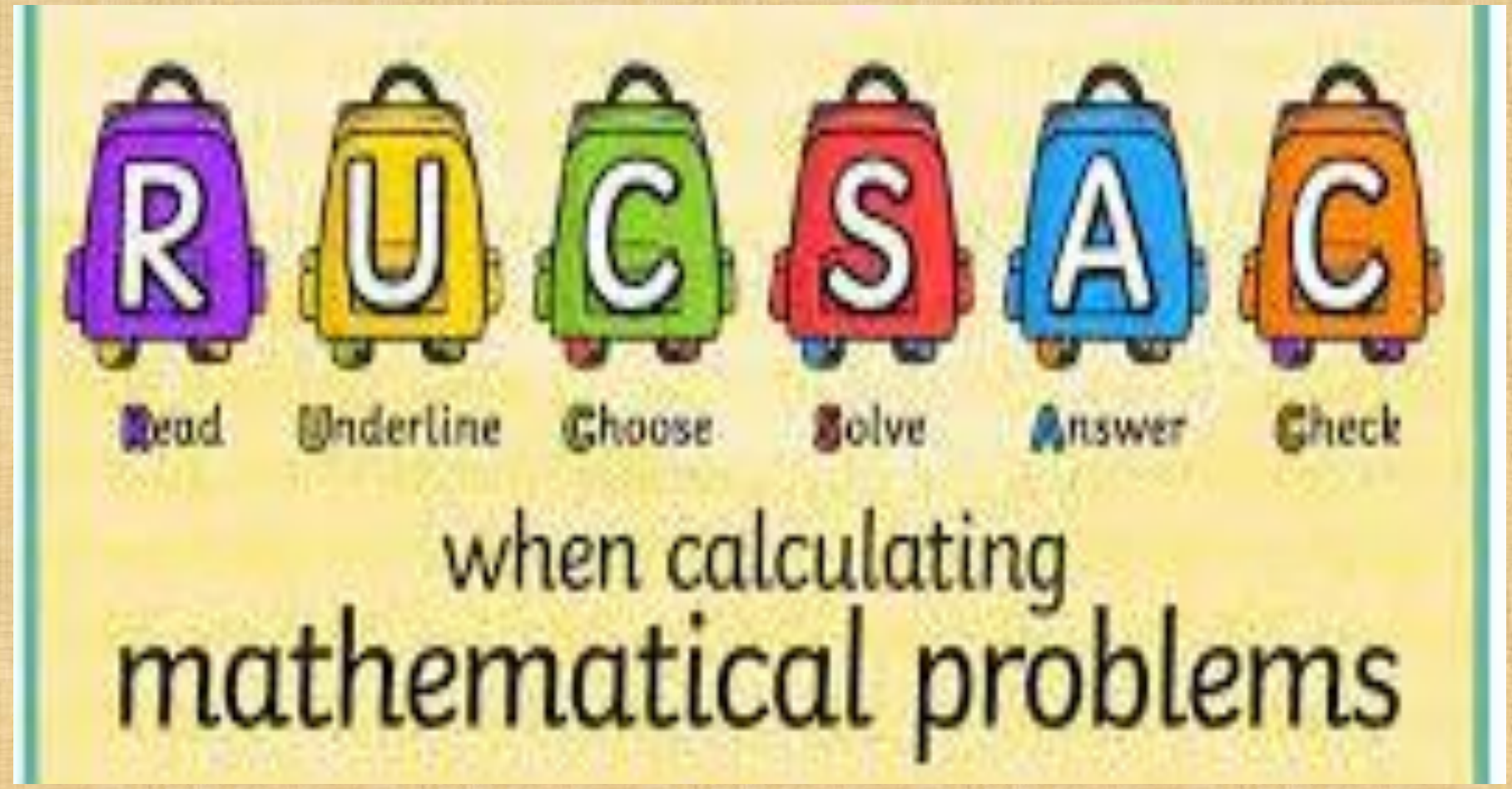
- When we solve word problems the first thing, we must do is read the question.
- Then we must understand it. If there are words such as:

- Times
- Multiply
- Lots of
- Groups of



It means that we must MULTIPLY. These are all the different ways of saying MULTIPLICATION !!

So what is the RUCSAC Method



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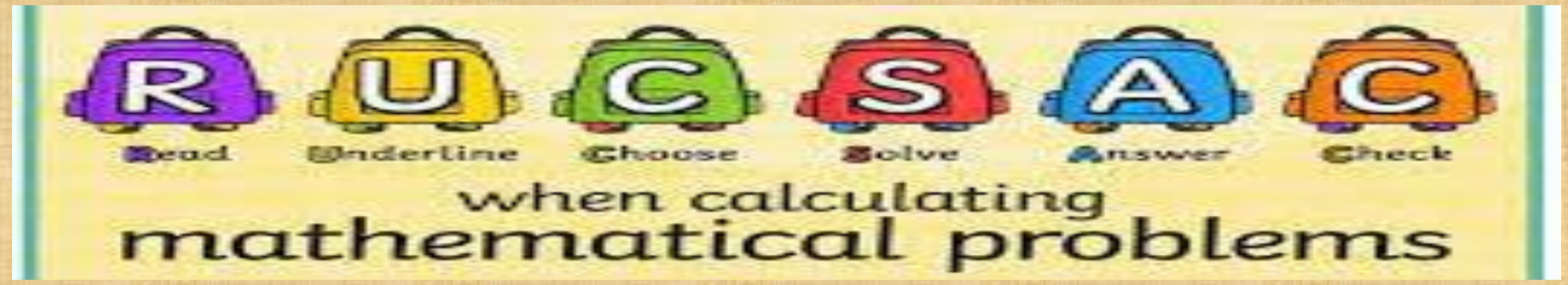
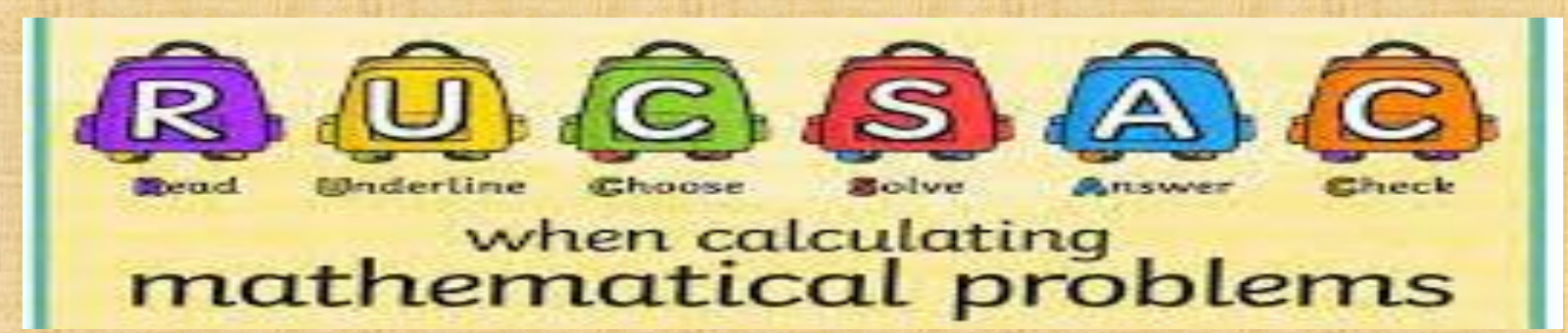


- Read
- Understand
- Choose number operation EG: ADDING, SUBTRACTING, MULTIPLYING AND DIVIDING
- Solve the problem
- Answer the problem
- Check the answer

Lets try some examples using the Rucsac Method



To solve multiplication word problems the number will become bigger because we are….

REPEATINGLY ADDING GROUPS OF NUMBERS TOGETHER!

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

Tom has 4 boxes and in each box there are 2 cup cakes.
How many is there altogether?

$$4 \times 2 = 8$$

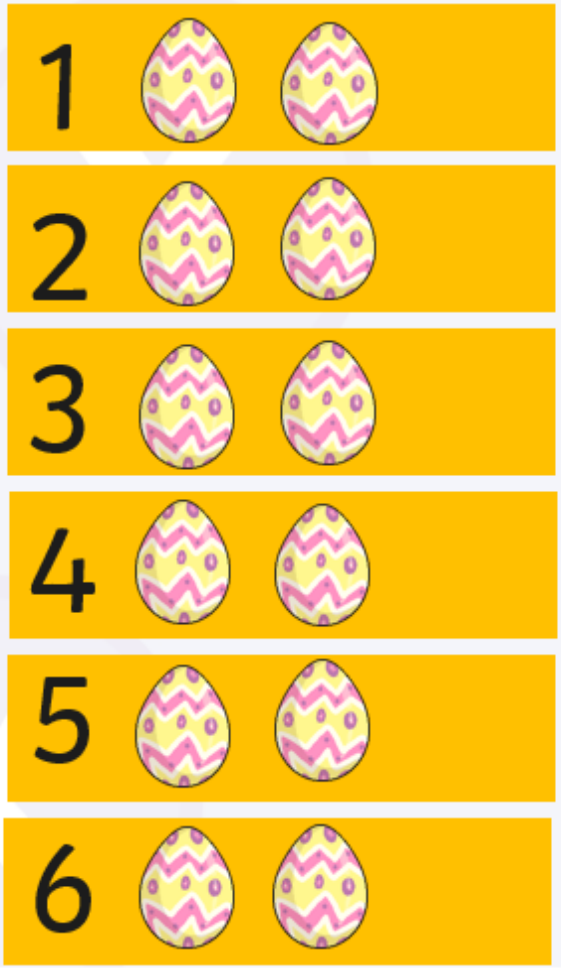
1

2

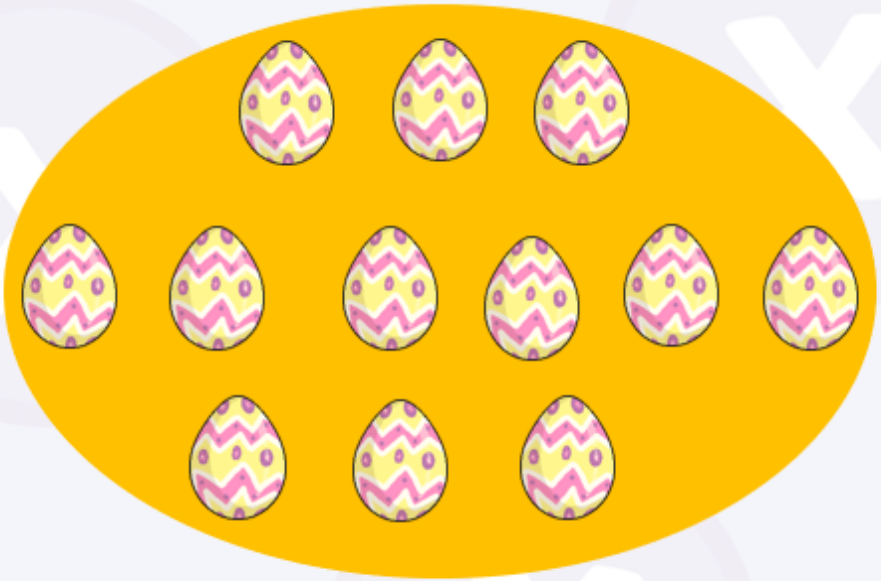
3

4

Jan has 6 boxes of Easter eggs. In each box there are 2 eggs. How many is there altogether?



$6 \times 2 = 12$



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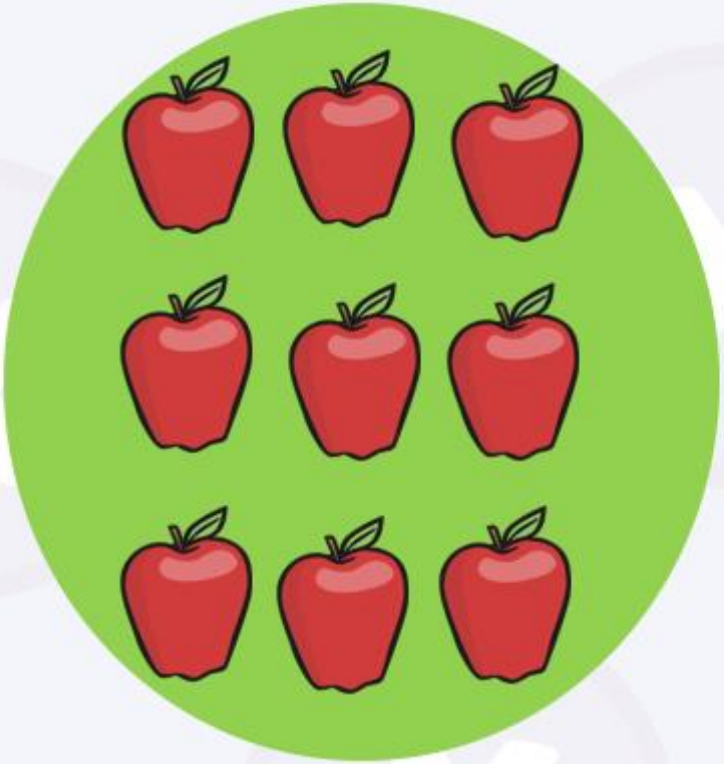
There are 3 crates in a shop. Each crate has 3 apples. How many lots are there altogether?

3 x 3 = 9

1

2

3



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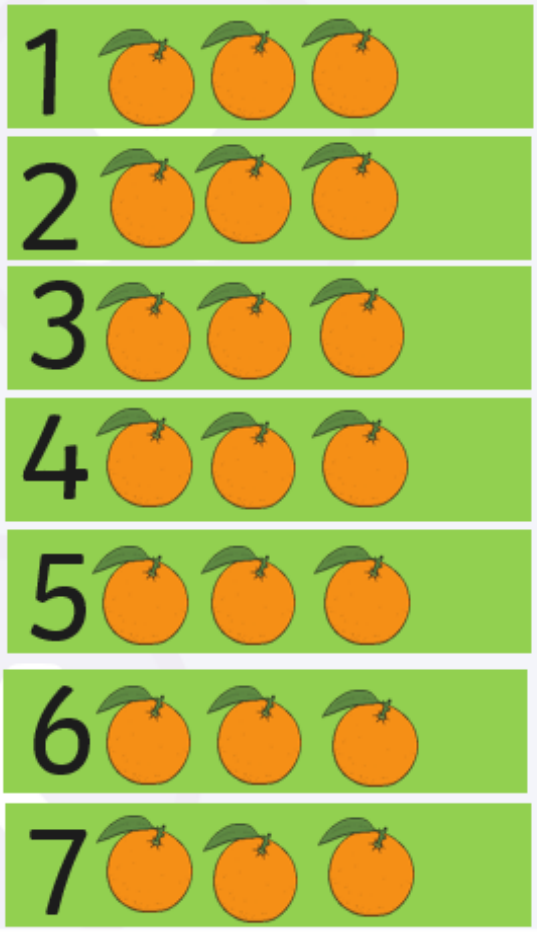
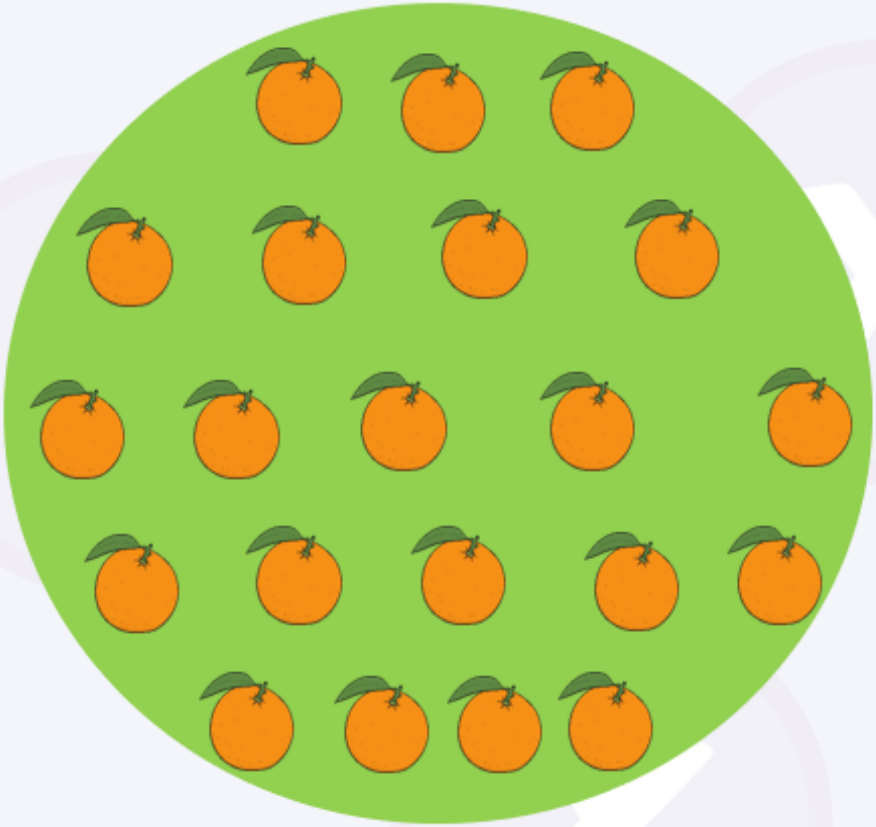
There are 7 children in a class and they each have 3 oranges each. How many oranges are there altogether?

7 x 3 = 21





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Let's Practice!

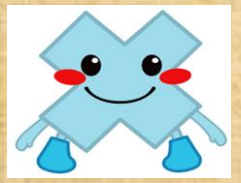
7 Children have 2 cup cakes each. How many do they have?

$7 \times 2 =$

5 rabbits have 3 carrots each. How many carrots are there altogether?

You guys are on fire! Let's start the spicy challenge

Challenge Questions



1. A flower has 7 petals. How many petals do 3 flowers have?

2. There are 11 pencils in a pack. How many are there in 2 lots of pencils?

3. If 8 taxis arrive at the party at the same time, each carrying 3 passengers, how many people arrive at once?

4. 9 animals walked onto the ark in 2s. How many groups of animals were there?

5. Sam has 12 packets of biscuits. Each packet has 3 biscuits. How many lots of biscuits are there altogether?

6. There are 6 owls in Carol's cage. How many owls are there in 2 cages?

7. A bus has 9 children on each bus. How many children are there on 3 busses?

8. 8 ducks ate 2 slices of bread at the park. Have many slices of bread were eaten all together?

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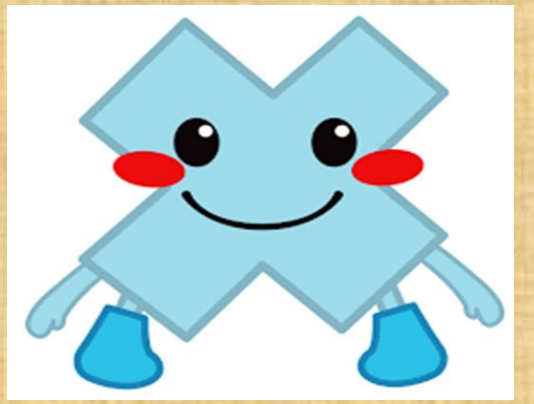

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