

3 0 . 1 1 . 2 0

L.O: To problem solve

Starter:

$$430 - 354 =$$

$$723 - 241 =$$

$$712 - 280 =$$

When we are solving problems in maths,
we use

R U C S A C

We follow the steps of R U C S A C to
help us.



Read

Read the question.
What is the important
information?





Understand

Understand the question.
What do you need to
find out?





Choose

Choose the correct
method of calculation
and operation(s).





Solve

Solve the problem.
Make sure you follow
the steps.





Answer

Answer the question.
What were you meant
to find out?





Check

Check your answer.
Use the inverse to check
your working out.




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In the school, there are 500 children in year
3. 237 children are in Green class. How
many are in blue class?

Jack has 255 conkers. He is playing with the conkers when he loses 135. How many conkers does Jack have left?

Word Problems: Subtraction

- 1. Jack has 255 conkers. He is playing with the conkers when he loses 135. How many conkers does Jack have left?
- 2. In the hall, there are 552 children. 239 children leave to go home, How many children are in the hall now?
- 3. 647 children are in the swimming pool. Some swimming lessons end and 152 children get out of the pool. How many children are left in the swimming pool?
- 4. 417 apples are on the tree. 213 apples fall to the ground from the apple tree. How many apples are now on the tree?
- 5. In the library, there are 945 books. At lunch time, year 3 visit the library and take out 127 books. How many books are in the library after lunch?
- 6. Scruffy the dog had 567 bones and then he ate 374 bones. How many bones did Scruffy the dog have left?
- 7. There are 569 ants marching in a line. 324 ants leave the line to collect some food. How many ants are left marching?
- 8. There are 726 ducks on a lake. 137 fly away. How many birds are left?



Challenge:

Word Problems: Subtraction

- 1. Jack has 255 conkers. He is playing with the conkers when he loses 105. His friend then takes 100 from the pile. How many conkers does Jack have left?
- 2. In the hall, there are 552 children. 239 children leave to go home, 10 minutes later, another 165 children leave. How many children are in the hall now?
- 3. 647 children are in the swimming pool. Some swimming lessons end and 152 children get out of the pool. Then, another 300 children get out of the pool. How many children are left in the swimming pool?
- 4. 417 apples are on the tree. 132 apples fall to the ground from the apple tree. Another 153 apples fall. How many apples are now on the tree?
- 5. In the library, there are 945 books. At lunch time, year 3 visit the library and take out 127 books. Then, year 4 visit and take out 300 books. How many books are in the library after lunch?
- 6. Scruffy the dog had 567 bones and then he ate 374 bones. Then his friend Dexter ate 100 bones. How many bones did Scruffy the dog have left?
- 7. There are 569 ants marching in a line. 324 ants leave the line to collect some food. After that, 400 ants join the line. How many ants are marching now?
- 8. There are 726 ducks on a lake. 137 fly away. 356 ducks climb out of the lake to waddle in the park. How many birds are left in the lake?



