

0 5 . 1 1 . 2 0

①

430 +

384

814

LO: To problem solve

① ①
723

297

1020

Starter:

430 + 384 =

723 + 297 =

752 + 290 =

①

752 +

290

1042

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?

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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.



**Read**

Read the question.
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twinkl**Check**

Check your answer.
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In the school, there are 253 'blue class' children and 325 'green class' children.

How many children are in the school altogether?

$$\begin{array}{r} 253 \\ 325 \\ \hline 578 \end{array} +$$

There are 576 children in the School altogether.

Jack has 250 conkers in his collection and he finds another 170 in the month of October.

How many conkers does Jack have altogether?

$$\begin{array}{r} \textcircled{1} \\ 250 \\ + 170 \\ \hline 420 \end{array}$$

$$\begin{array}{r} \textcircled{1} \\ 250 \\ + 170 \\ \hline 420 \end{array}$$

Jack has 420 conkers.

Word Problems: Addition

- 1. Jack has 250 conkers in his collection and he finds another 170 in the month of October conkers. How many conkers does Jack have altogether?
- 2. In the school, there are 253 'blue class' children and 325 'green class' children. How many children are in the school altogether?
- 3. 470 apples are on in the trees in the orchard. There are also 283 pears. How much fruit is in the orchard altogether??
- 4. In the library, there are 450 books. At lunch time, the children return 132 books. How many books are in the library after lunch?
- 5. There were 381 sweets in the head teacher's sweet box. She bought a packet containing 123 sweets and added it to the box. How many sweets are now in the box?
- 6. There are 593 ants marching in a line. 342 ants join the line and start marching. How many ants are marching in total?
- 7. There are 31 apples and 49 pears in the bowl. How many fruits are there in total?#
- 8. Martha starts with 147 cards. She gets 478 cards from Emily. How many cards does Martha end up with?
- 9. There are 172 blocks. 239 blocks are added. How many are there overall?
- 10. Louise collects stickers. She has 146 stickers in one box, and 762 in another. How many stickers does Louise have in total?

Challenge:

1. 1627 children are in the swimming pool. An extra 284 children enter the swimming pool. How many children are in the swimming pool in total?

2. There are 234 children in Year 3 and 278 children in Year 4. How many children are there in Years 3 and 4?

3. In my lunchbox I have a sandwich and an apple. My sandwich weighs 378g and my apple weighs 138g. What is the weight of my lunchbox?

4. There were 243 people on the train at Orpington station. 388 people entered the train at Bromley station. How many people were on the train altogether?

5. In the library, there are 442 books. At lunch time, the children return 769 books. How many books are in the library after lunch?

6. A TV costs £834, a Play Station costs £195 and a game costs £25. How much money would I need to buy all three items?

7. Emily bought chips for 456p, a drink for 195p and chocolate bar for 110p. How much did it cost altogether?

8. There are 325 ants marching in a line. 327 male ants and 562 female ants join the line and start marching. How many ants are marching in total?

9. A plant was 2127cm tall on Friday. The plant grew 331cm on Saturday and 426cm on Sunday. How tall was the plant on Monday?