

One day...

Mr. A decided to buy one cake for each of his five friends to have a party next Sunday.

Which one should I choose...

What are you doing?

I am choosing a cake that we will have on Sunday's party.

Oh, I see. I haven't chosen one yet.

The other three have already made their choices.

They have chosen roll cake, strawberry cake and chocolate cake.

The total of the three is 1000 yen.

I plan to buy one roll cake, one strawberry cake, and one chocolate cake.

If you buy these three items at the regular price, it will cost you 1000 yen.

Five of us are paying 300 yen each, so we want to buy five cakes for exactly 1500 yen.

I have collected 300 yen each from everyone, so we have 1500 yen of 5 people.

If you subtract 1,000 yen from 1,500 yen, you are left with 500 yen.

The both of us cannot buy anything other than roll cake.

Please take a look at this.

Sunday is the day of bargain sale.

Any cake with the regular price of 320 Yen or less, will cost 200Yen only.

I wonder which cake will be sold for 200 yen on Sunday?

Roll cake and a cheese cake will cost 200 yen.

If it's a Sunday, a cake for three people will cost 950 yen.

The remaining money will be 550 yen.

It means we can spend 550 yen.

Which cake combination will be 550 yen for two on Sunday?

So, if you combine the cheesecake and the roll cake, you get 550 yen.

Which one do you prefer?

You've got it wrong.

Don't forget that Sundays are "bargain days"!

A roll cake and a cheesecake will cost 200 yen.

So, which cake will you choose?

I will go with chocolate cake.

Chocolate cake is for 400Yen.

The remaining money is 550 yen.

$$550 - 400 = 150$$

I can't buy my cake because the cheapest cake will be 200 yen.

You can't have a cake sold in half.

Please change to another cake.

I'll change it to strawberry cake.

Strawberry cake is for 320Yen.

The remaining money is 550Yen.

$$550 - 320 = 230$$

So, I can choose either a roll cake or a cheesecake, right?

I like cheesecake so I will go with it.

This has been decided successfully.

Please look forward to it on Sunday.

In order to solve this problem

Find the conditions in the problem statement and divide it into steps.

Problems like this are there also in other subjects

For example, in the matter of the national languages, there are questions that ask you to write 'Use ___ words' or 'Write within ___ words' .

It is important to read the text of the problem carefully, sort out the problem conditions and think in a logical manner and think in what order they should be considered