

Des has two bags of sweets.

Each bag contains only lime and strawberry sweets.

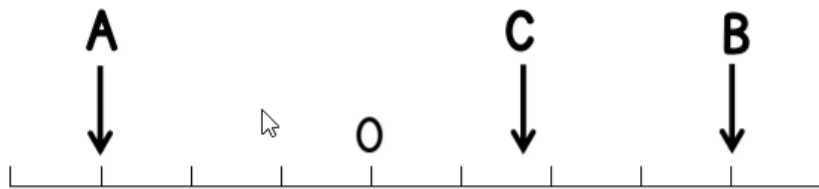
There are 20 sweets in each bag.

- In the first bag there is 1 lime sweet for every 3 strawberry.
- In the second bag there are 2 lime sweets for every 3 strawberry.

How many more lime sweets are there in the second bag?



Three numbers are marked on a number line.

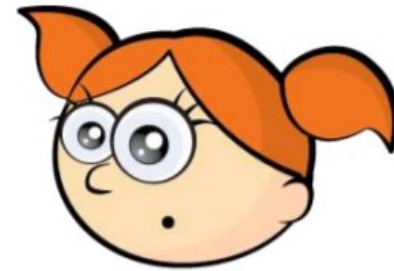


- The difference between A and B is 28
- The difference between A and C is 19
- D is 10 less than C

What is the value of D?

Can you mark D on the number line?

Louise is thinking of a number.



It is less than 50

It is a 2-digit number.

3 is a factor of this number.

The sum of its digits is one third of the number.

What number is Louise thinking of?

2



Sally multiplies a number by 100

Her answer has three digits.

The hundreds and ones digit are the same.

The sum of the digits is 10

What number could Sally have started with?

Are there any others?

Filip buys 4 strawberry cupcakes and 1 chocolate cupcake.



Filip paid £3.70

A chocolate cupcake costs 25 pence more than a strawberry one.

How much does a chocolate cupcake cost?