



Monday 18.09.2023

Comparing 3-digit numbers CHALLENGE

Solve these word problems. Remember to write out the calculations to help you!

- 1. There are 365 days in a year. It rains on 65 of the days. On how many days does it not rain?*
- 2. A bamboo plant was 400cm tall. Then it grew by another 83cm. How tall is the plant now?*
- 3. A tree is 308cm tall. How much more would it need to grow to be 368cm?*
- 4. Francisco has 165 marbles. He gives 40 of these to his friend. How many does he have now?*

Make up a problem of your own using a 3 digit number, then solve it.



Tuesday 19.09.2023

Identifying previous and next multiples of 10 CHALLENGE



Leanna has three jars of sweets.

A



B



C



Jar A contains 230 sweets.

Jar C contains 165 sweets.



Leanna

Jar A has the most sweets in.
Jar C has the least sweets in.

How many sweets could
be in Jar B?
Explain how you know.



Wednesday 20.09.2023

Identifying previous and next multiples of 100

previous 100 next 100

 ← 108 →

previous 100 next 100

 ← 392 →

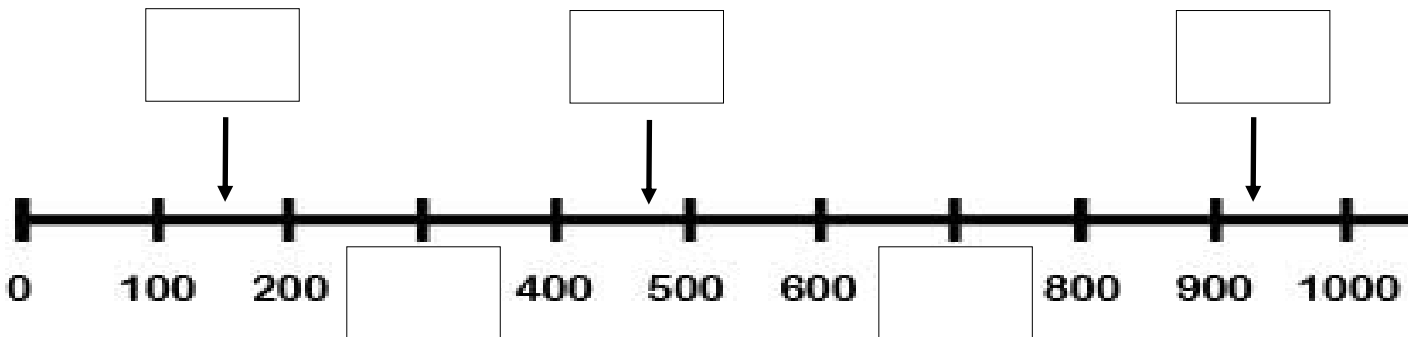
previous 100 next 100

 ← 200 →

previous 100 next 100

 ← 850 →

Estimate to fill in the spaces on the number lines.





Wednesday 20.09.2023

Identifying previous and next multiples of 100 CHALLENGE

Show the position of **7063** on each number line.





Thursday 21.09.2023

Counting in multiples of 10 and 100

Roll the dice three times to make
a 3 digit number.

My number is:

*Identify the next and previous multiples of **10**.*

The next five numbers are: _____, _____, _____, _____, _____.

The previous five numbers are: _____, _____, _____, _____, _____.

*Identify the next and previous multiples of **100**.*

The next five numbers are: _____, _____, _____, _____, _____.

The previous five numbers are: _____, _____, _____, _____, _____.

My number is:

*Identify the next and previous multiples of **10**.*

The next five numbers are: _____, _____, _____, _____, _____.

The previous five numbers are: _____, _____, _____, _____, _____.

*Identify the next and previous multiples of **100**.*

The next five numbers are: _____, _____, _____, _____, _____.

The previous five numbers are: _____, _____, _____, _____, _____.



Thursday 21.09.2023

Identifying previous and next multiples of 10 and 100 CHALLENGE

I am thinking of a number.
It is between 200 and 400.
The digits add up to 13.
The difference between the
greatest digit and the
smallest digit is 3.

What could my number be?

Is there only one option?

Explain each step of your working out.

