

White

**Rose
Maths**

Year 5 - Autumn - Block 1

Place Value

Describe the value of the digit 7 in each of the following numbers.

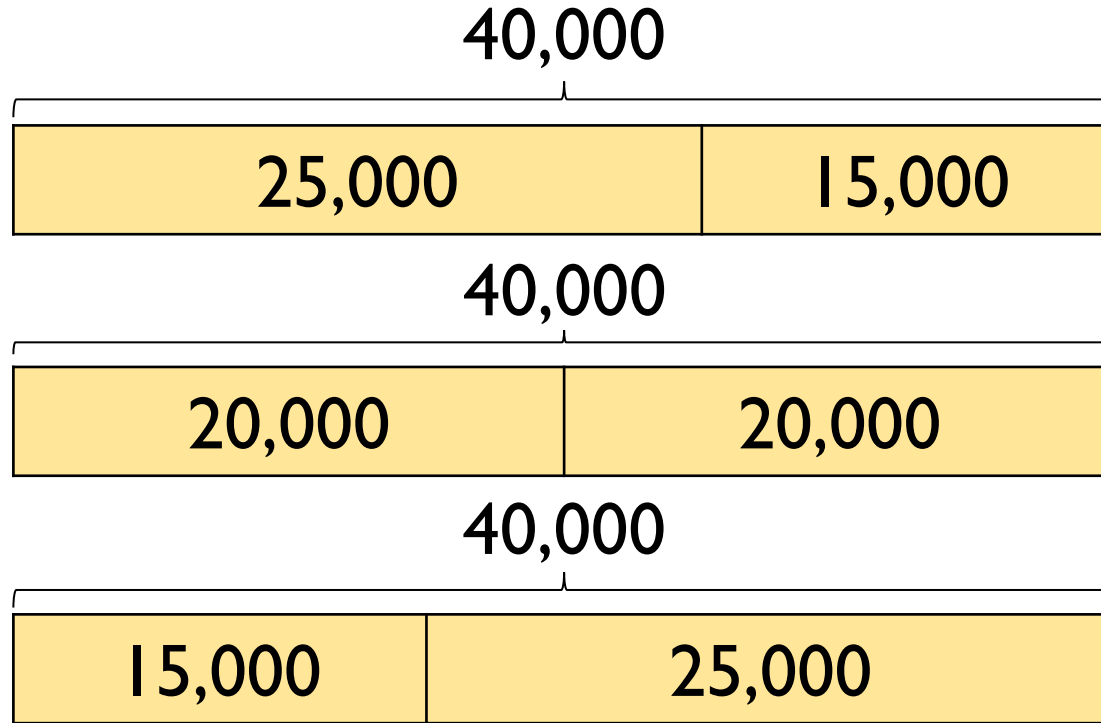
How do you know?

407,338

700,491

25,571

The bar models are showing a pattern.



Draw the next three.

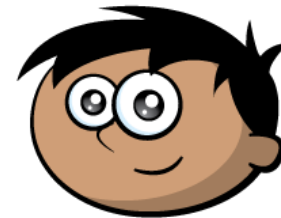
Create your own pattern of bar models for a partner to continue.

Amir writes the first five numbers of a sequence.

They are:

3,666, 4,666, 5,666, 6,666, 7,666

The 10th term will be 15,322 because I will double the 5th term.



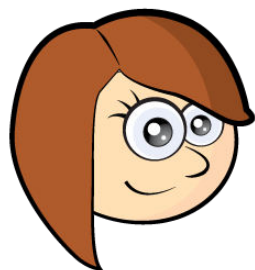
Amir

Is he correct?
Explain why.

I am counting up in 10s from 184
I will include 224



Mo



Rosie

I am counting up in 100s from 604
I will include 1,040



Jack

I am counting up in 1,000s from 13
I will include 130,000

Who has made a mistake?

Identify anyone who has made a mistake and explain how you know.

The missing number is an odd number.

When rounded to the nearest 10,000 it is 440,000

The sum of the digits is 23

475,000

?

407,500

Greatest

Smallest

What could the number be?

Can you find three possibilities?

Here are four number cards.

42,350

56,995

43,385

56,963

Four children take one each and say a clue.

My number is 57,000 when rounded to the nearest 100



My number has exactly three hundreds in it

My number is 43,000 when rounded to the nearest thousand



My number is exactly 100 less than 57,063

Which card did each child have?

The difference between two 3-digit numbers is two.

When each number is rounded to the nearest 1,000
the difference between them is 1,000

What could the two numbers be?

When the difference between A and B is rounded to the nearest 100, the answer is 700

When the difference between B and C is rounded to the nearest 100, the answer is 400

A , B and C are not multiples of 10

What could A , B and C be?

True or False?

- The temperature outside is -5 degrees, the temperature inside is 25 degrees.
The difference is 20 degrees.
- Four less than negative six is negative two.
- 15 more than -2 is 13

Explain how you know each statement is true or false.

Put these statements in order so that the answers are from smallest to greatest.

- The difference between -24 and -76
- The even number that is less than -18 but greater than -22
- The number that is half way between 40 and -50
- The difference between -6 and 7