

- I count in multiples of 10 000 from 249. I say the number 30 248.

True or false?

Explain your answer.

- I count in multiples of 10 backwards from 90 273.
I say the number 80 953.

True or false?

Explain your answer.

True or false?

Number and
place value

5

➤ If I count in tens, I will say the number 15100.

True or false?

Explain your answer.

True or false?

Number and
place value

5

- I have created a 6-digit number where the ones digit is 4 and the thousands digit is 3.

53724

True or false?

Explain your answer.

Spot the mistake

Number and
place value

5

- Look at the sequence. Can you spot the mistake and correct it?

456 123 , 456 223, 456 213 , 456 433

Explain how you know.

Spot the mistake

Number and
place value

5

- Look at the sequence. Can you spot the mistake and correct it?

875 231, 775 231, 765 231, 575 231

Explain how you know.

Spot the mistake

Number and
place value
5

- Glena has ordered her numbers starting from the greatest to the smallest. Has she made a mistake?

356, 678

36, 678

56, 678

56, 676

Explain how you know.

Spot the mistake

Number and
place value

5

- Look at the number sentences. Are there any mistakes?

$$14\ 862 - 2\ 200 = 12\ 662$$

$$14\ 862 + 2\ 200 = 16\ 660$$

Explain how you know.

Spot the mistake

Number and
place value

5

- Look at the number sentences. Are there any mistakes?

$$3,000,042 - 1,000,000 = 2,000,041$$

$$3,000,042 + 1,000,000 = 4,000,041$$

Explain how you know.

- A 5 - digit number will always have a digit in the millions.

Always, sometimes or never true?

Prove your answer.

- If you add 500 000 to any even number, the number will be odd.

Always, sometimes or never true?

Prove your answer.

- Adding 10, 000 ten times to a number in the millions , will increase the millions digit.

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Prove your answer.

- If you wrote these numbers in order starting with the greatest, which number would be fourth? Explain how you know.

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625014

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- If you wrote these numbers in order starting with the greatest, which number would be fourth? Explain how you know.

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- A number rounded to the nearest thousand is 56000. What is the largest possible number it could be?

Explain how you know.

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