

Reasoning and Problem Solving – Percentage Increase and Decrease 1

9. A school has 372 children after a 7% decrease in pupil numbers.

Harpreet says,



The school has 26 less children than before.

Can you explain his mistake?

10. Listeners to a radio show number 17,101 after a 2% decrease.

Vivienne says,



There used to be 34,202 listeners.

Can you explain her mistake?

11. A shop made £40,608 after a 28% decrease in profit.

Tommy says,



The shop has had a decrease of £28 in their profits.

Can you explain his mistake?

12. Visitors to the zoo have decreased by 13% to 107,358 since last year.

Lizzie says,



Over 1 million people visited last year.

Can you explain her mistake?