

Problem solving and reasoning questions

Sketch a line 0-1000. Mark 500. Draw an arrow pointing to the position of 250.

Ask: *What number have I marked?*

Repeat with other positions on the line.

True or false

- There are always four numbers between two multiples of 5
 - There are always nine numbers between two multiples of 10
 - The number just before a multiple of 10 always ends in 9
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What number will be marked halfway between 125 and 151 on the number line?

Can you identify the number halfway between 333 and 344?