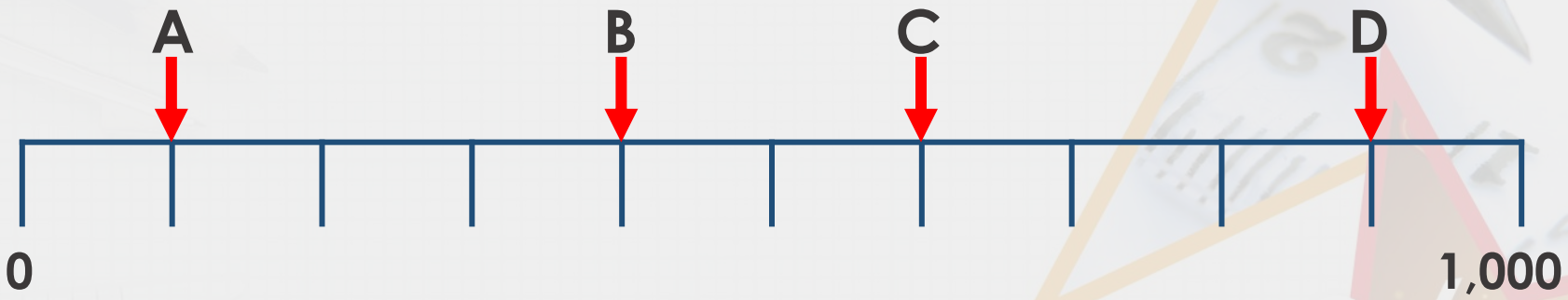
Step 5: Number Line to 1,000

Introduction

What number does each arrow point to?



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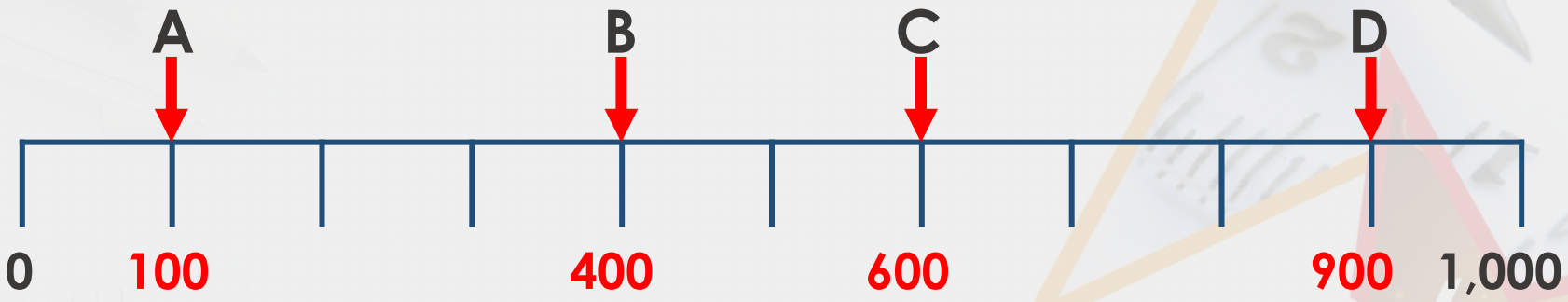
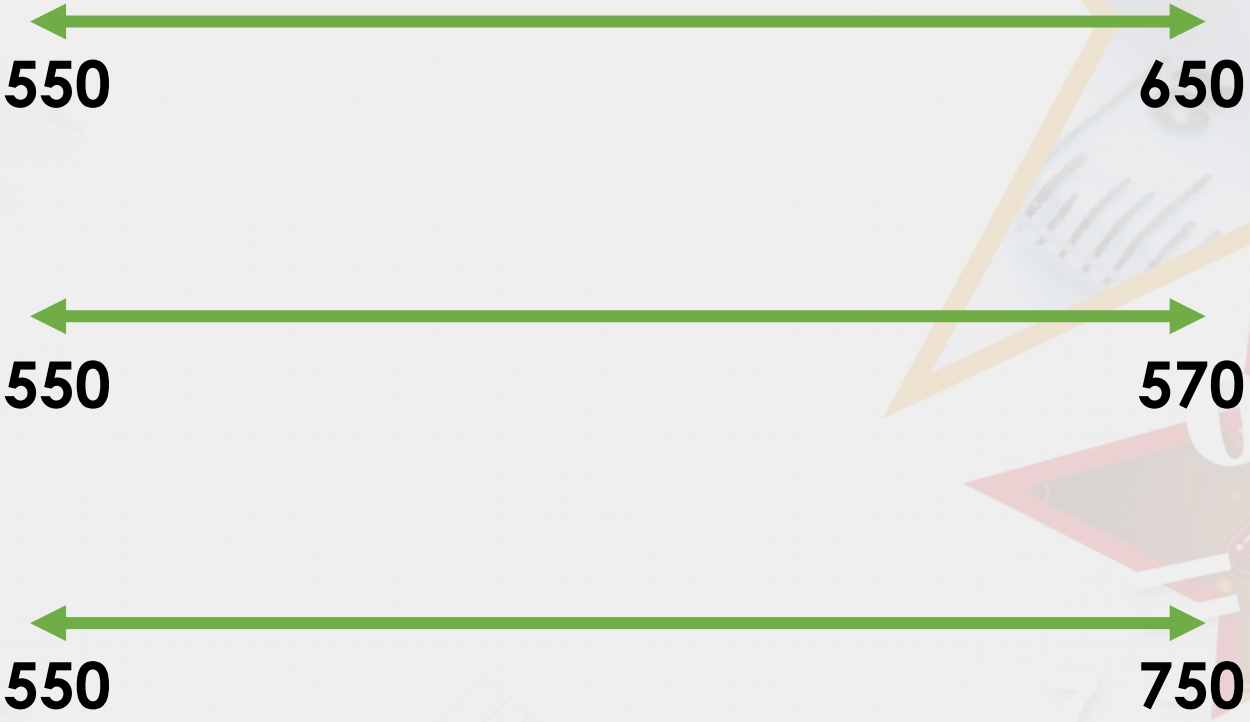


Varied Fluency 1

Label the midpoints of these number lines.



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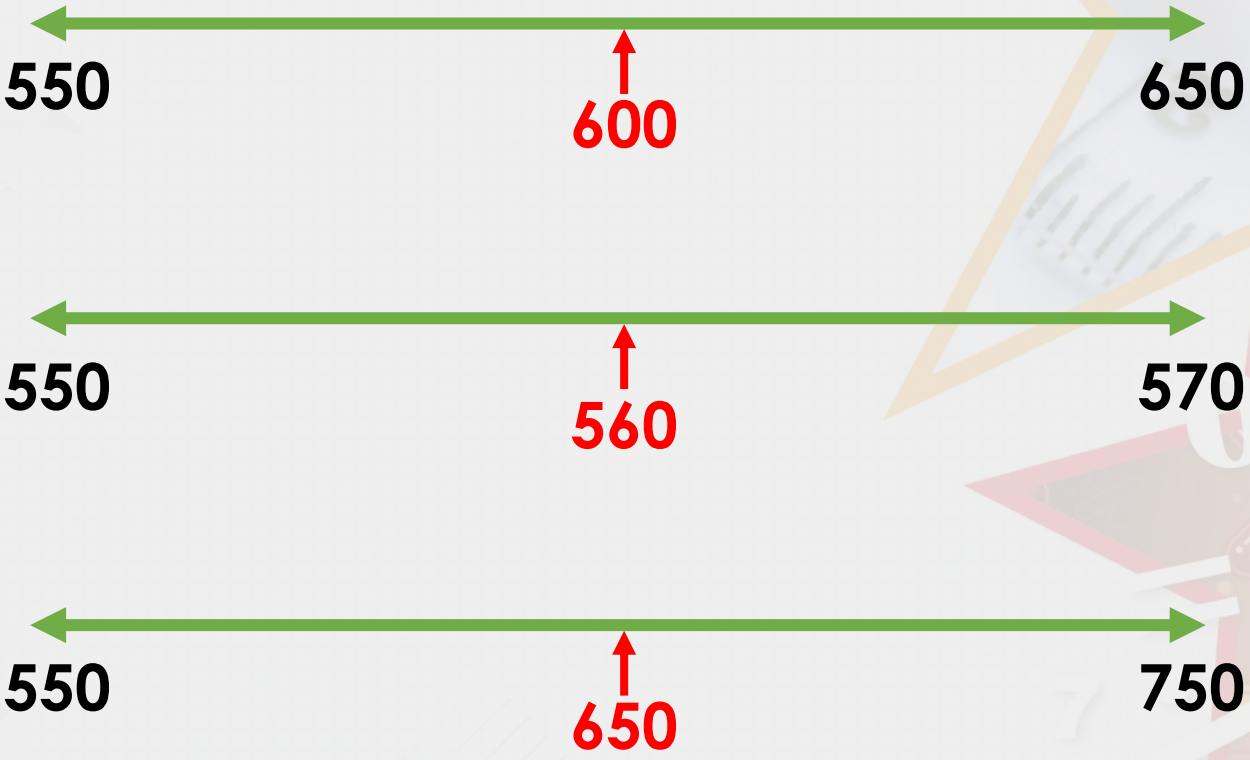
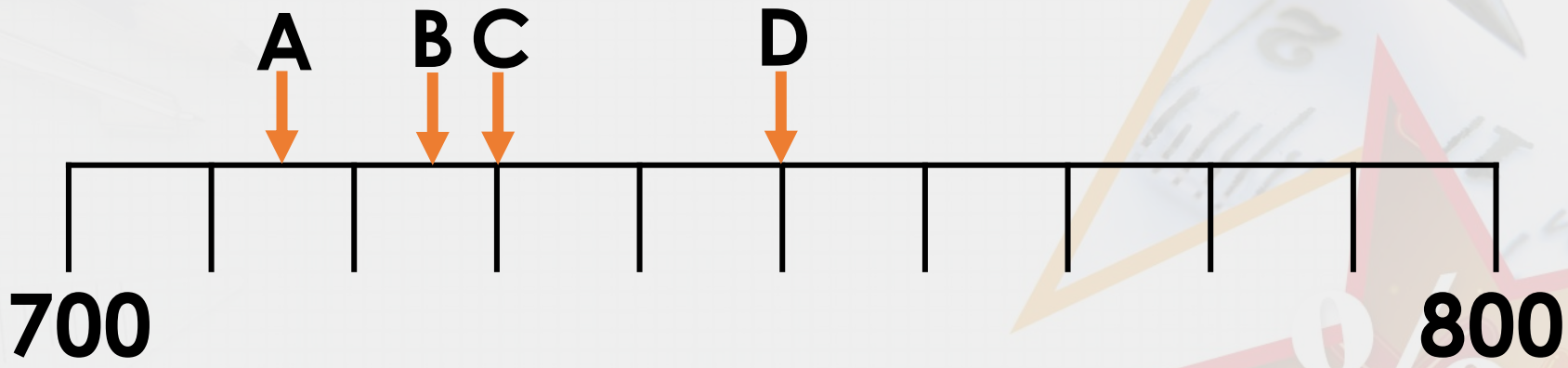


Varied Fluency 2

Circle the letter that represents 730.



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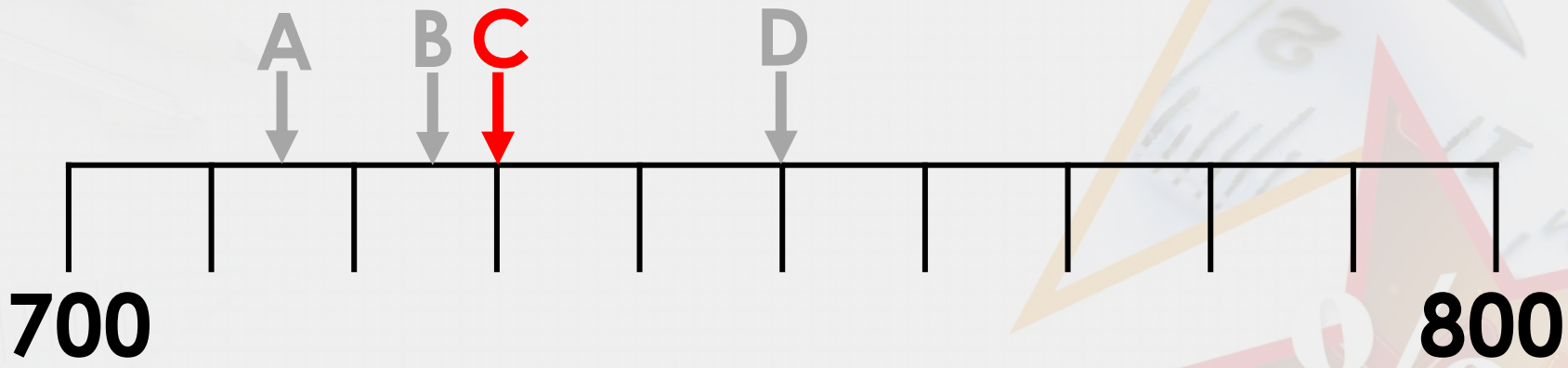
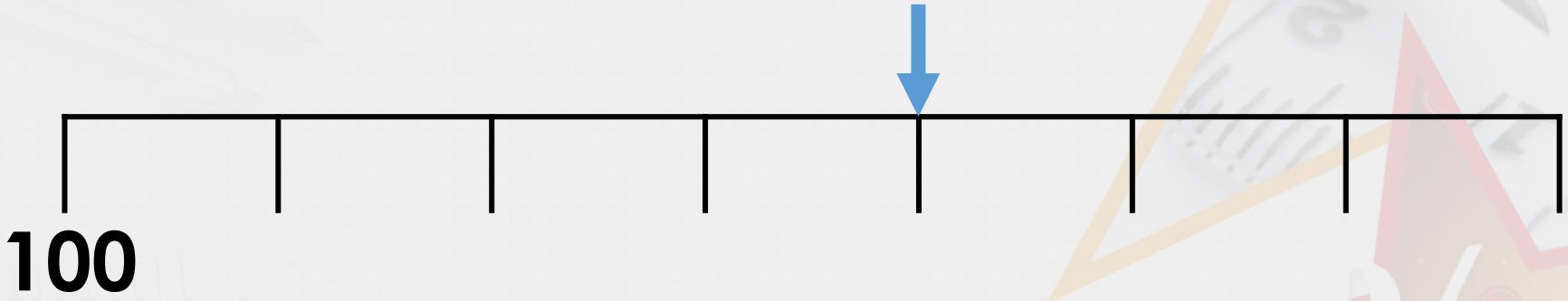


Varied Fluency 3

This number line has divisions of 50. What number is labelled?



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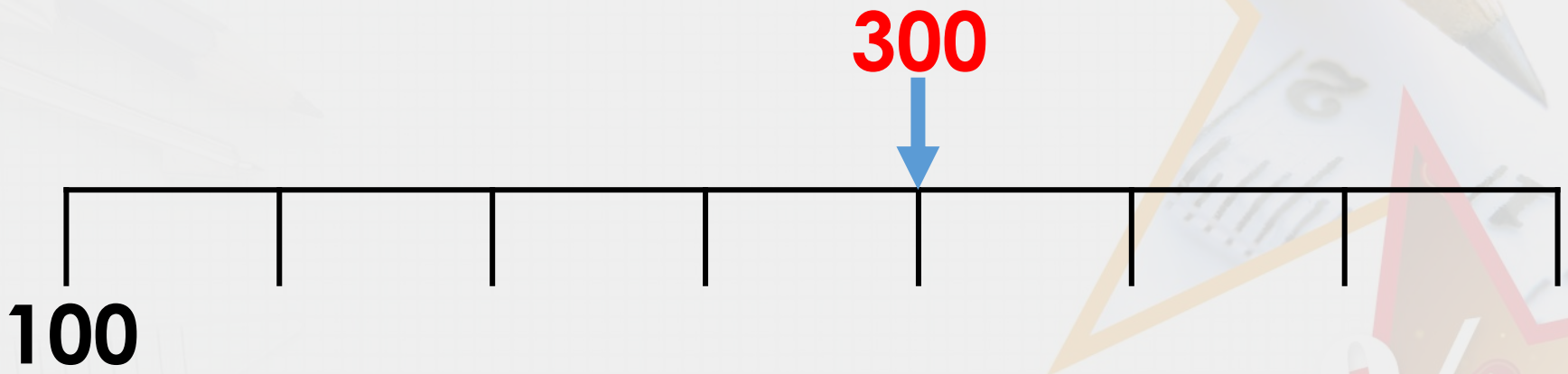
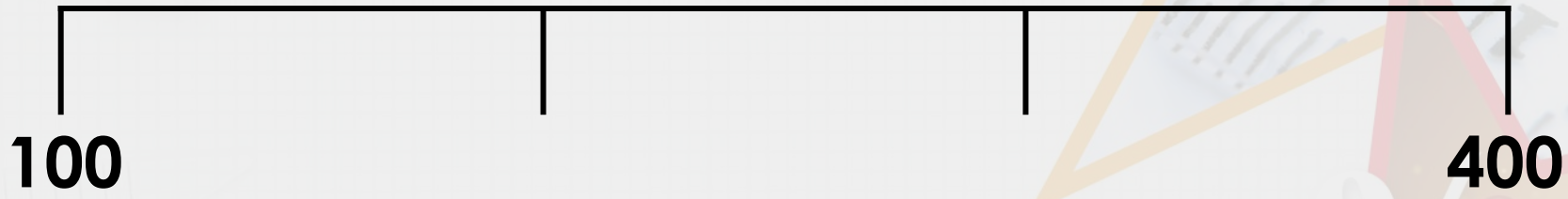


Varied Fluency 4

Draw an arrow to represent the number three hundred and fifty.



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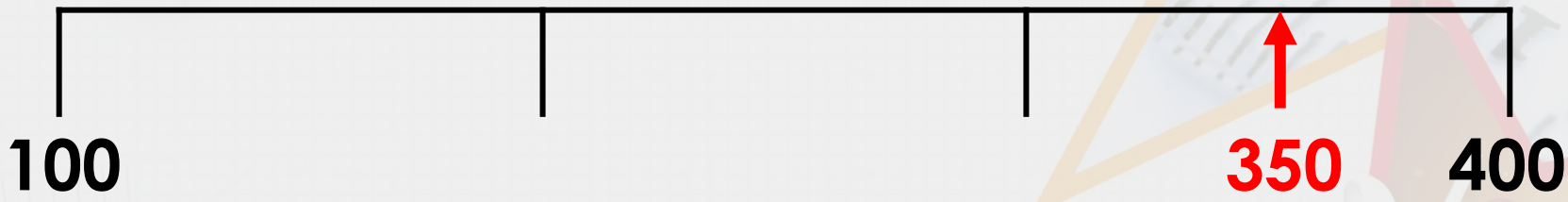
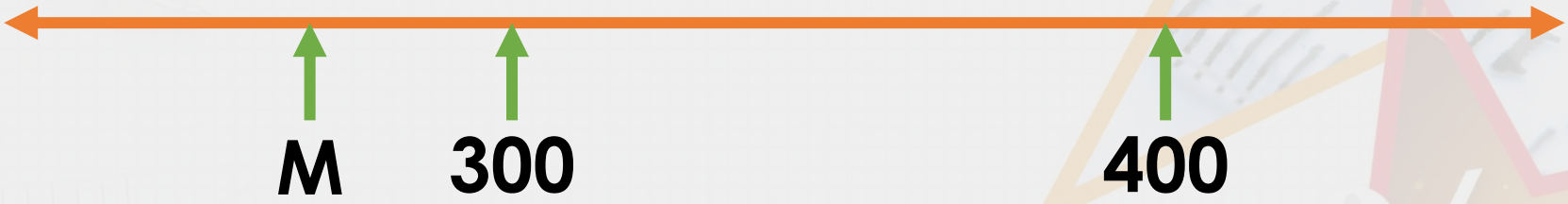


Varied Fluency 5

True or false?
200 is a good estimate for M.

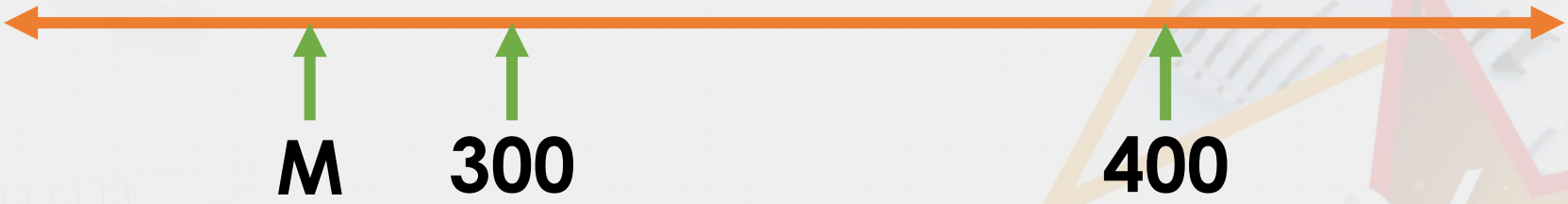


Varied Fluency 5

True or false?

200 is a good estimate for M.

False



Problem Solving 1

Rachelle has drawn this number line.

Her friend Alistair has drawn a different number line with the same midpoint.

What could the start and end points of his number line have been?

Problem Solving 1

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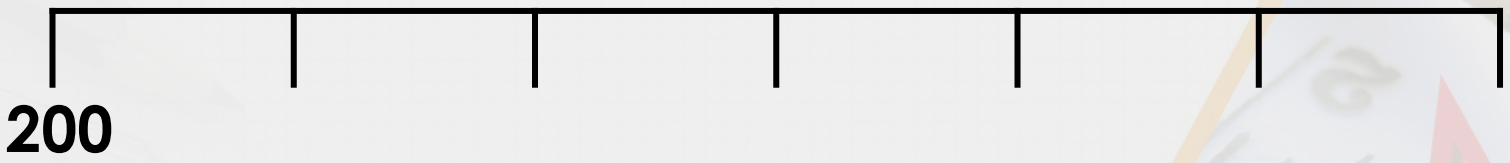
Her friend Alistair has drawn a different number line with the same midpoint.

What could the start and end points of his number line have been?

Possible answers: 610 and 630, 520 and 720.

Problem Solving 2

Josie has drawn this number line but has forgotten to include the end point.



She knows that the increments are a multiple of 10. She also knows that 370 did fit on the line but 450 did not.

What could the end point of the number line be?

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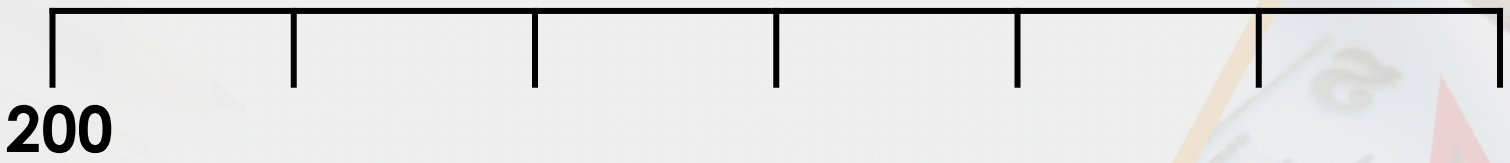


She knows that the increments are a multiple of 10. She also knows that 370 did fit on the line but 450 did not.

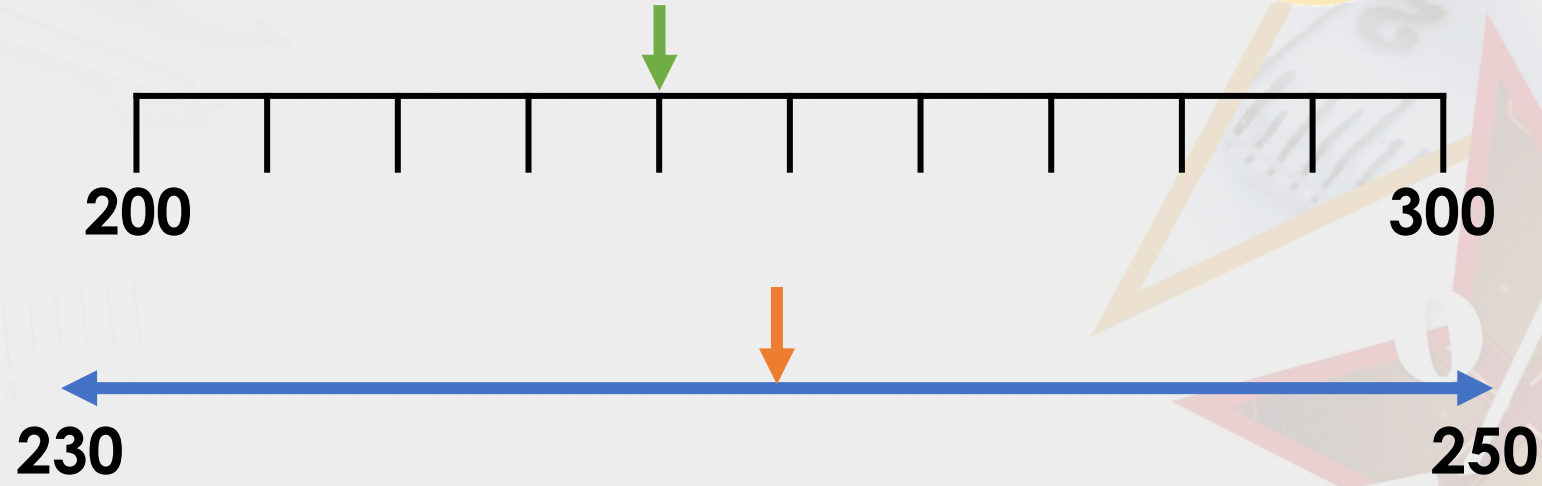
What could the end point of the number line be?

380 (increments of 30) *or* 440 (increments of 40)

Reasoning 1

Aisling says,

I have placed the same number on these number lines.



Do you agree? Convince me.

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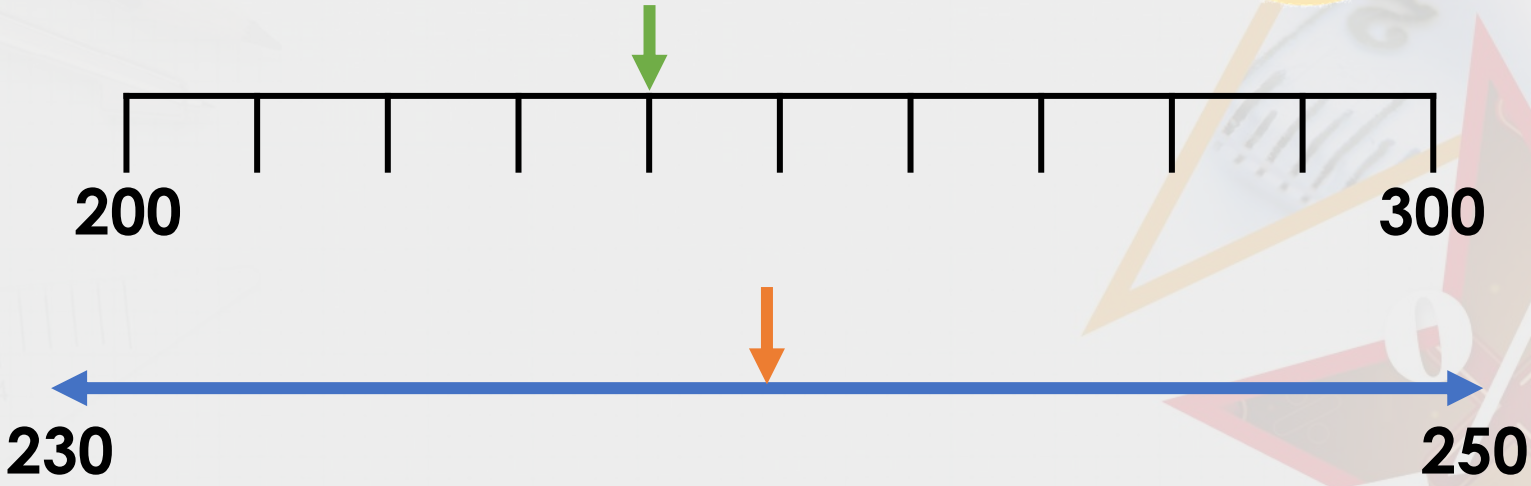

Do you agree? Convince me.
Aisling is correct because...

Reasoning 1

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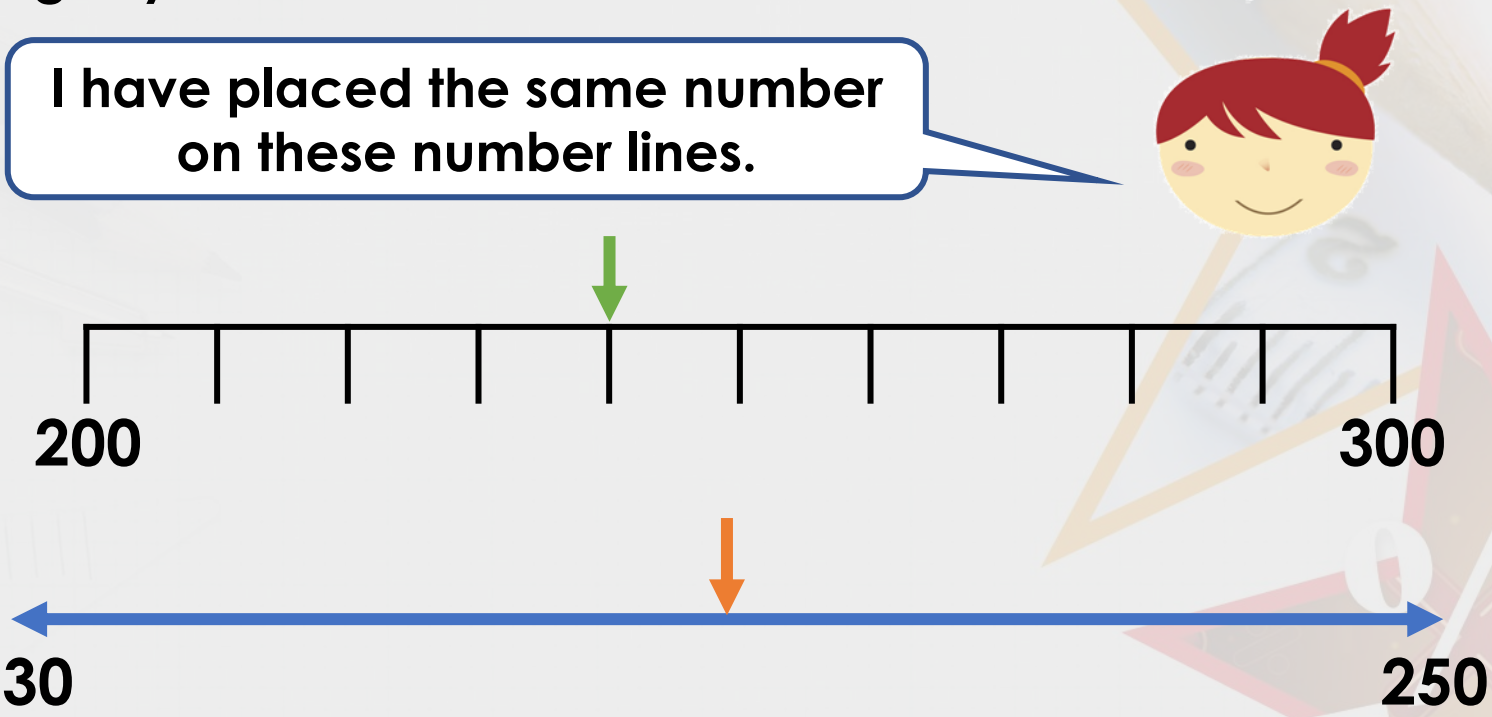

Do you agree? Convince me.

Aisling is correct because both number lines show 240.
The first number line has increments of 10 and the second number line shows the midpoint between 230 and 250.