

An Introduction to Number Lines

About This Resource:

This PowerPoint has been designed to support your teaching of number lines. It includes a variety of question types to introduce your pupils to the concept of number lines. You can choose to work through all examples provided or a selection of them depending on the needs of your class.

National Curriculum Objectives:

Mathematics Year 3: (3N4) [Identify, represent and estimate numbers using different representations](#)

Mathematics Year 4: (4N4a) [Identify, represent and estimate numbers using different representations](#)

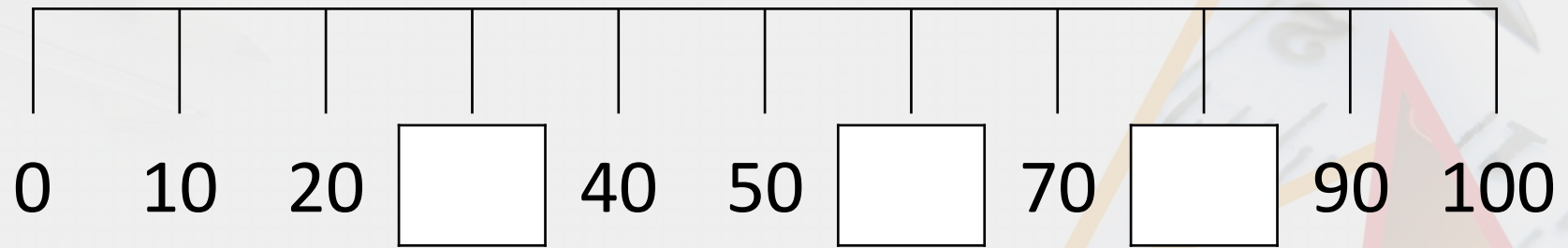
[More resources](#) which follow the same small steps as White Rose.

Did you like this resource? Don't forget to [review](#) it on our website.

An Introduction to Number Lines

An Introduction to Number Lines

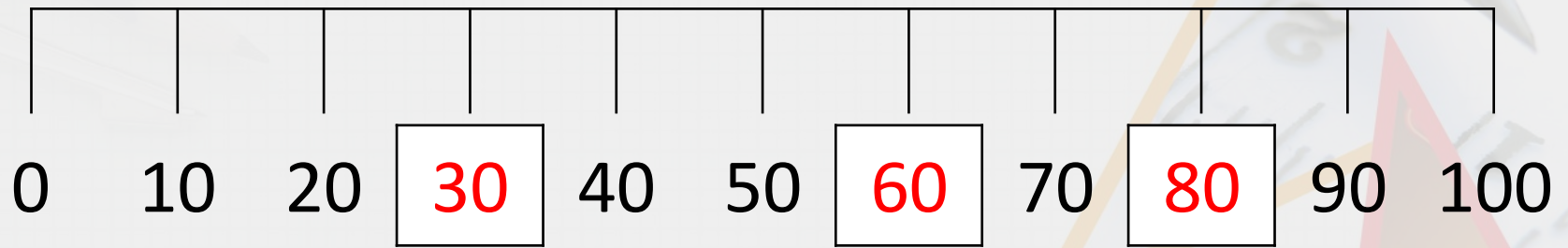
This number line goes up in increments of 10.



Fill in the missing numbers on the number line.

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This number line goes up in increments of 10.



Fill in the missing numbers on the number line.

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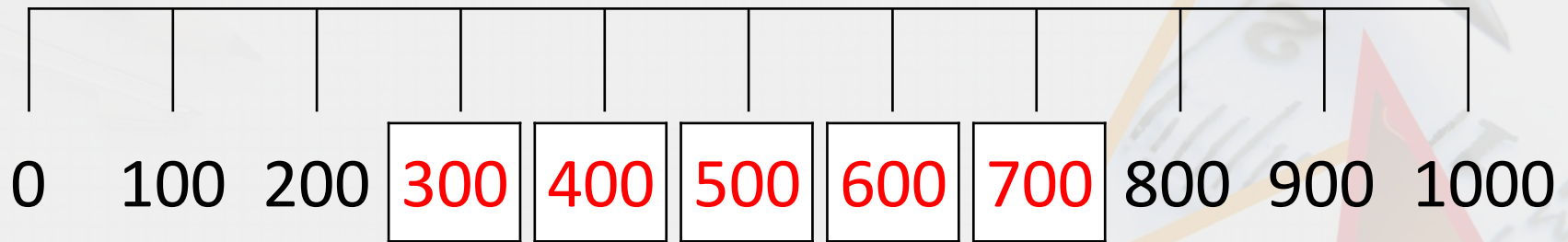
This number line goes up in increments of 100.



Fill in the missing numbers on the number line.

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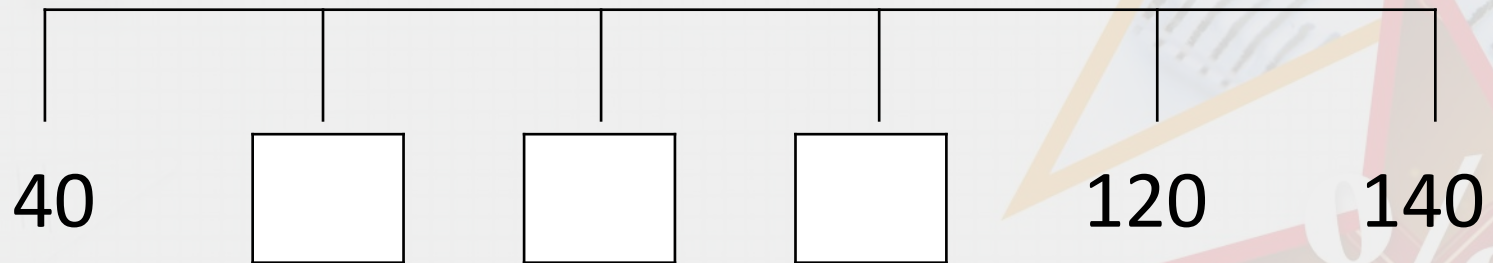
This number line goes up in increments of 100.



Fill in the missing numbers on the number line.

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What increments does this number line go up in?

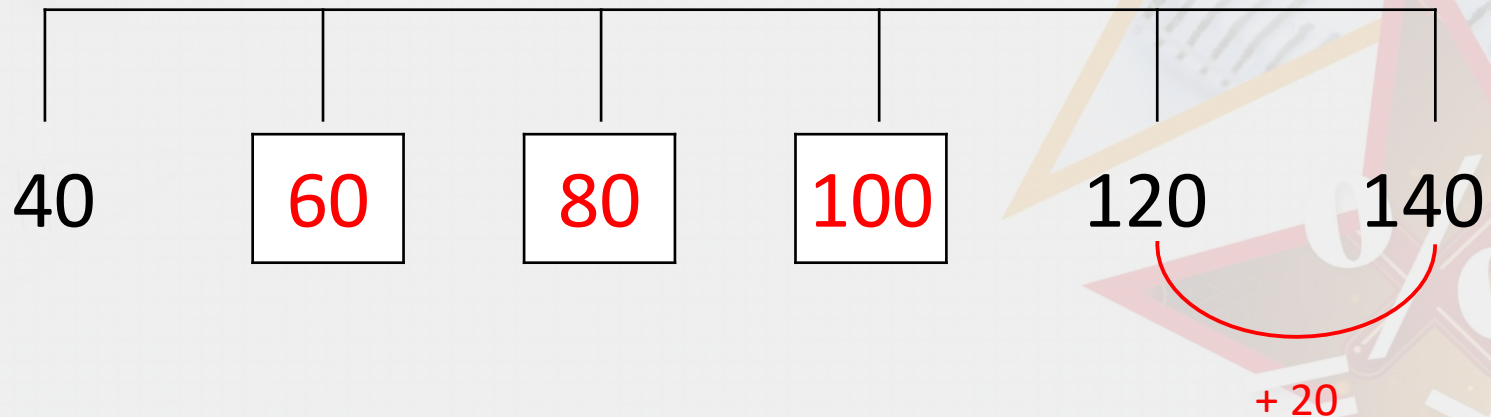


Fill in the missing numbers on the number line.

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What increments does this number line go up in?

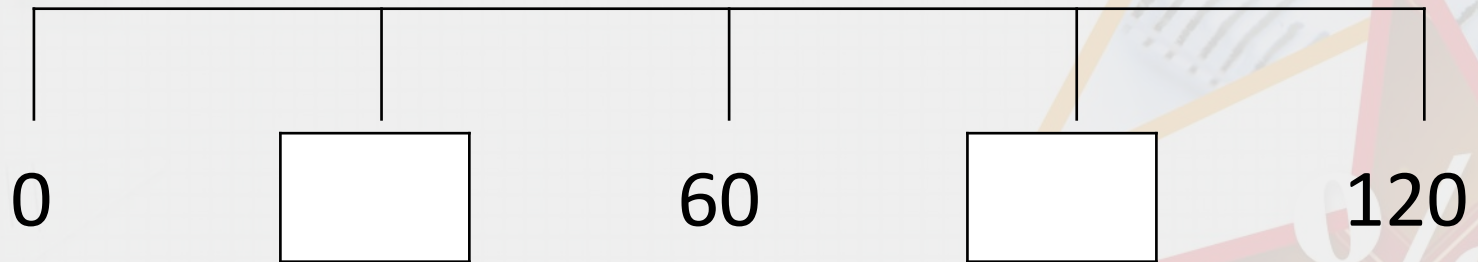
This number line goes up in steps of 20. We can tell by working out the difference between 120 and 140.



Fill in the missing numbers on the number line.

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What increments does this number line go up in?

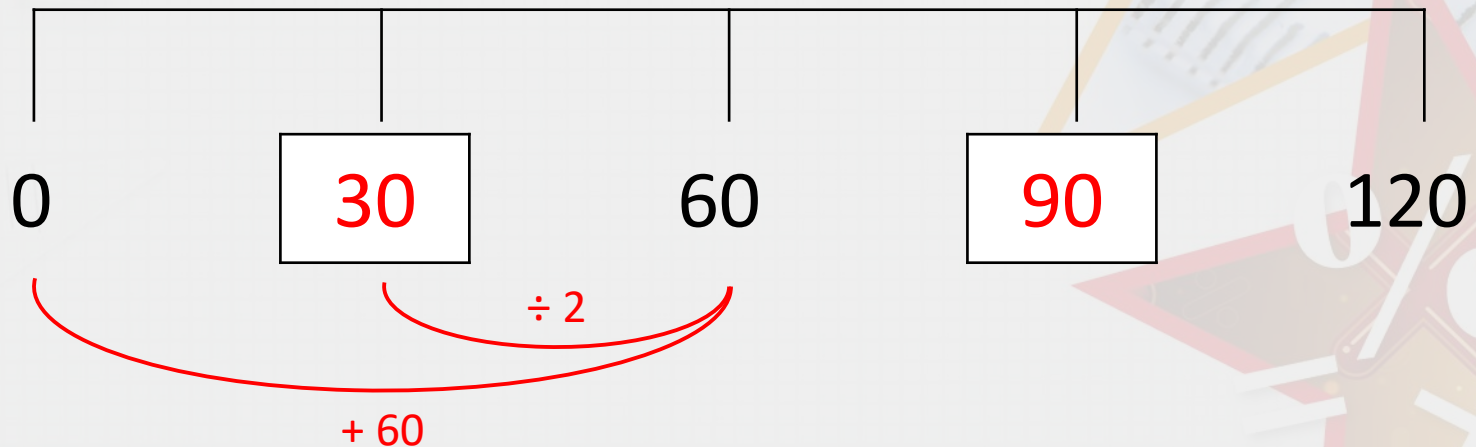


Fill in the missing numbers on the number line.

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What increments does this number line go up in?

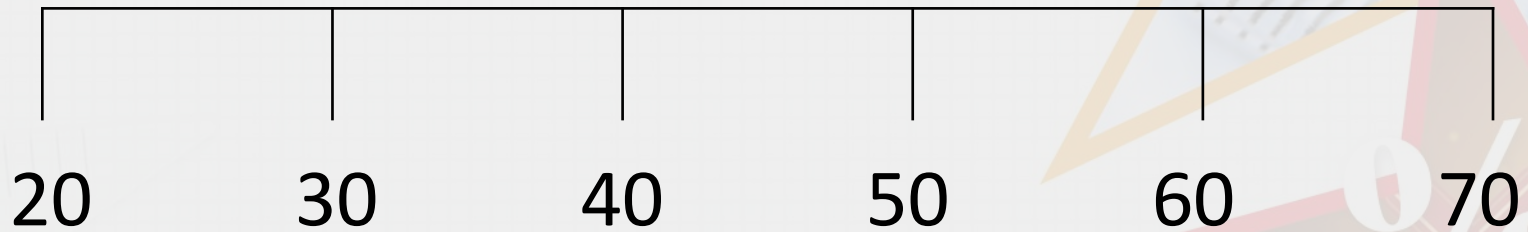
This number line goes up in steps of 30. We can tell by working out the difference between 0 and 60, then halving it.



Fill in the missing numbers on the number line.

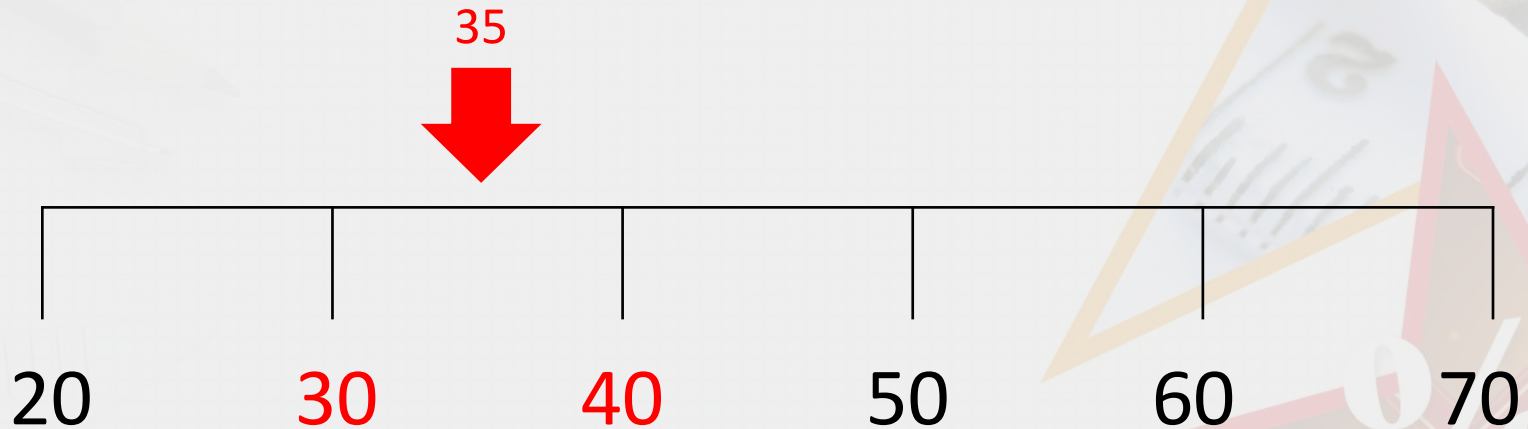
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Where would 35 be on this number line?
What multiples of 10 come before and after 35?



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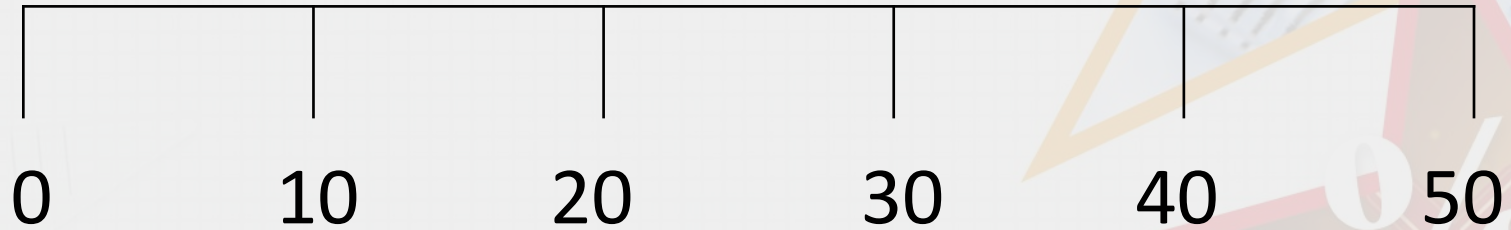
Where would 35 be on this number line?
What multiples of 10 come before and after 35?



35 is between the multiples 30 and 40.

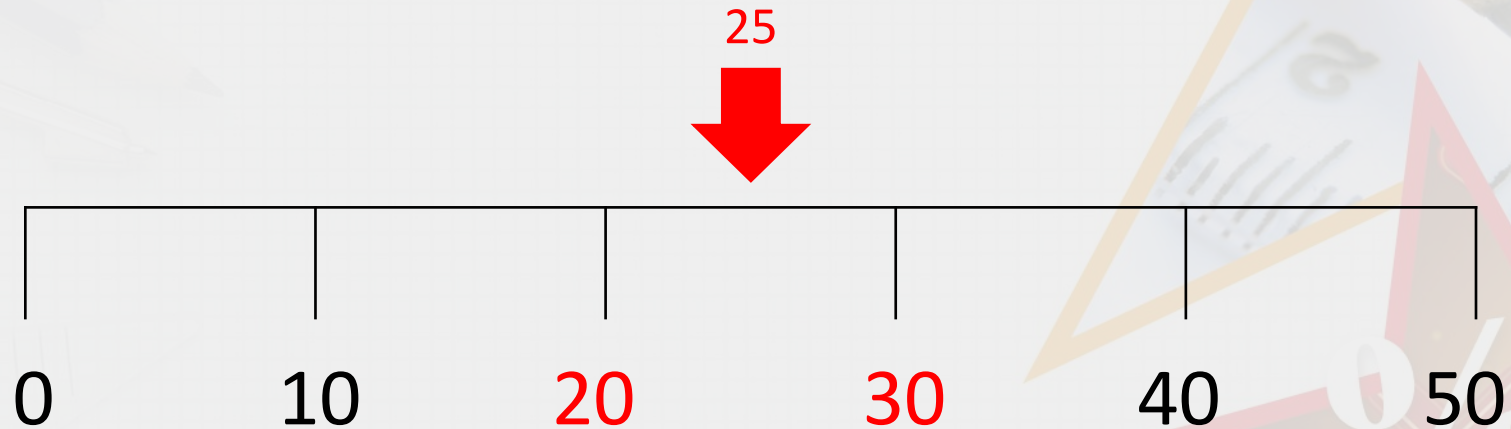
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Where would 25 be on this number line?
What multiples of 10 come before and after 25?



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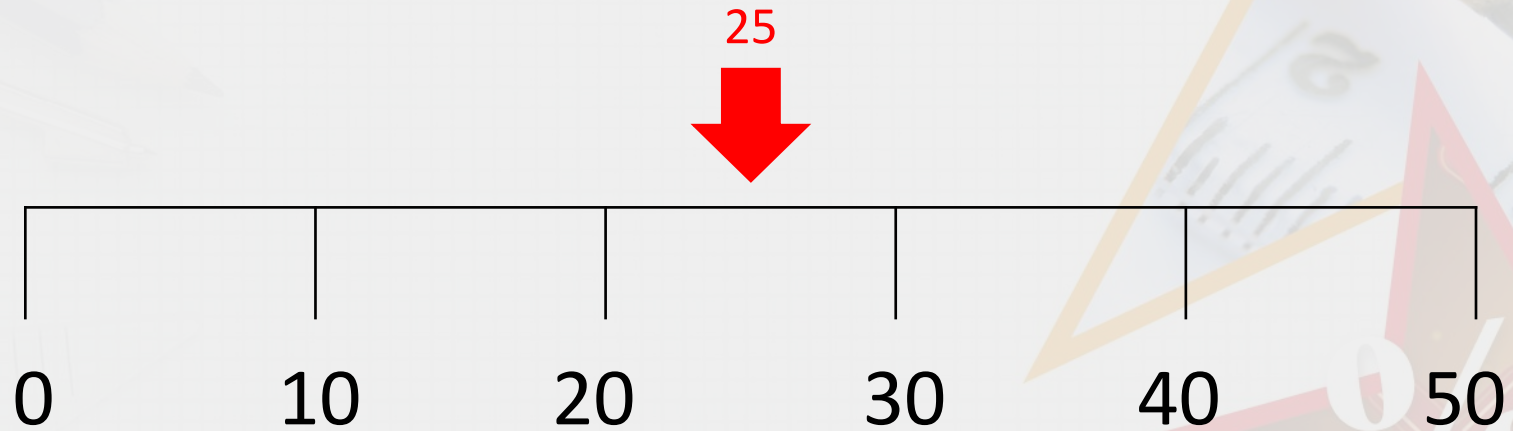
What multiples of 10 come before and after 25?
Where would 25 be on this number line?



25 is between 20 and 30.

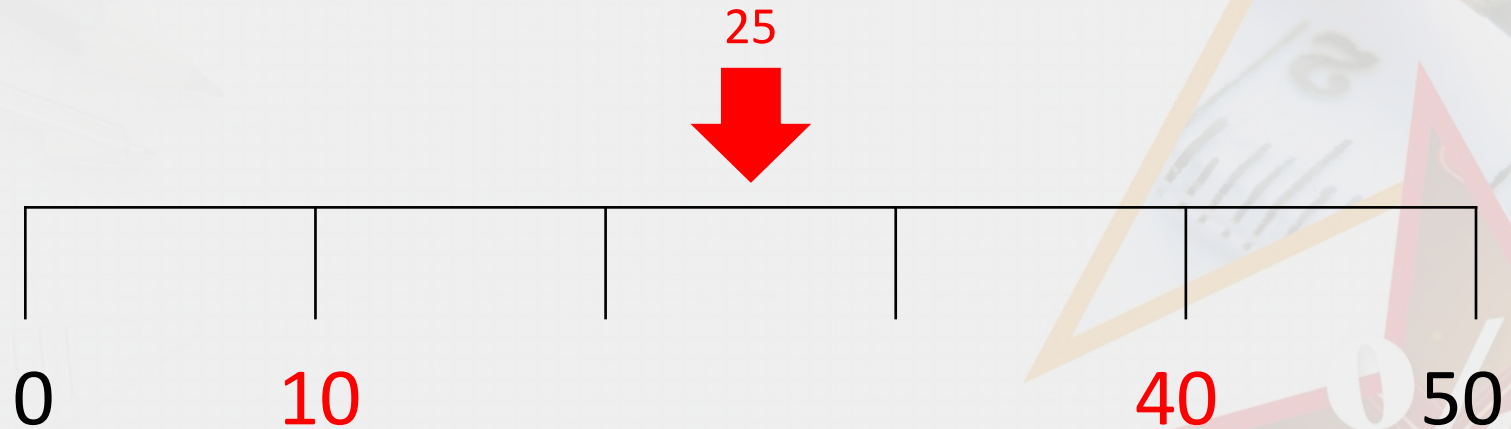
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Are there any other numbers 25 is halfway between on this number line?



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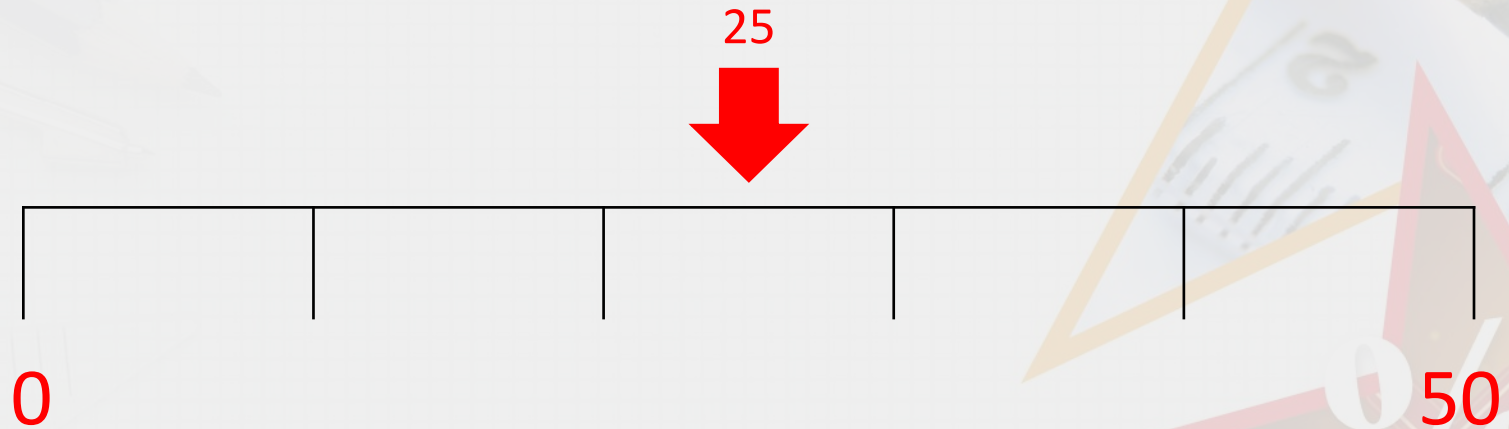
Are there any other numbers 25 is halfway between on this number line?



25 is halfway between 10 and 40.

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Are there any other numbers 25 is halfway between?

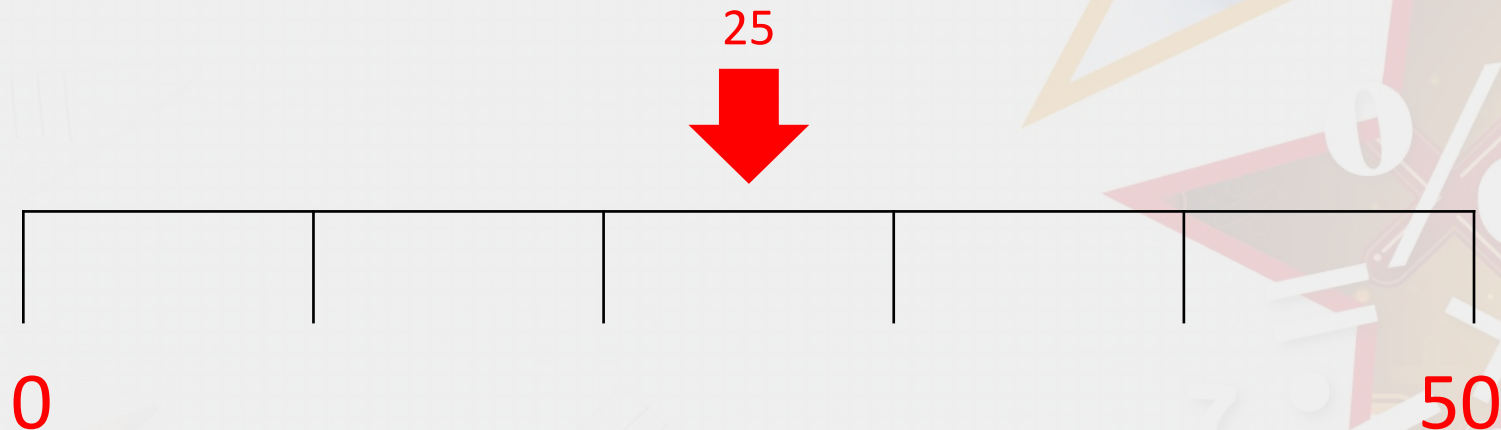


25 is halfway between 0 and 50.

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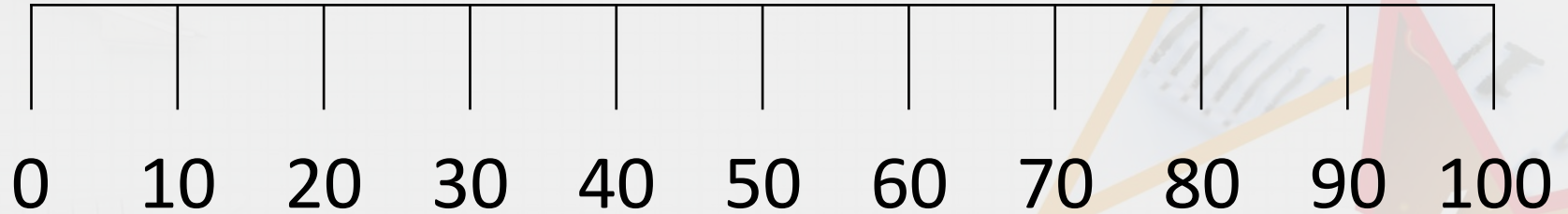
25 is halfway between the start and end points on the number line.

This means 25 is the midpoint on this number line.



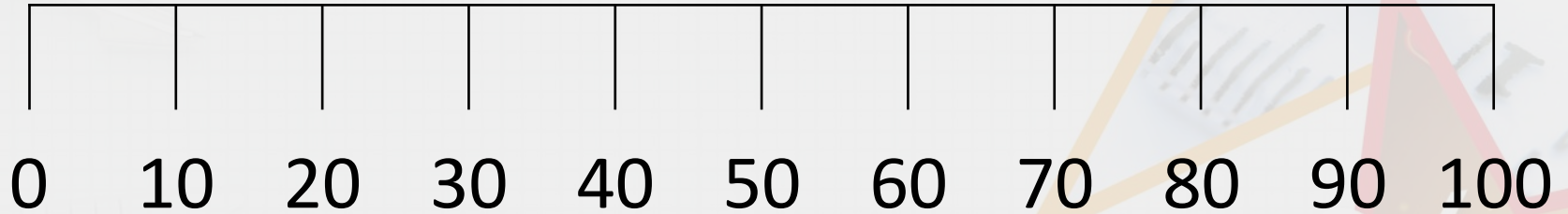
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What is the midpoint between 0 and 100?



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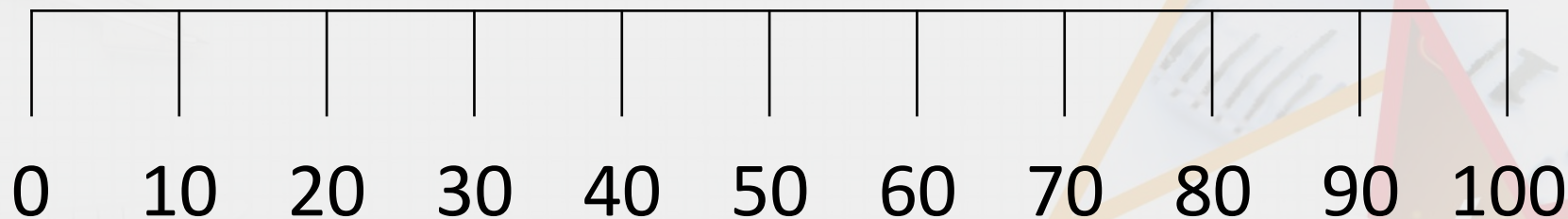
What is the midpoint between 0 and 100?



Think about which number is halfway between 0 and 100.

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What is the midpoint between 0 and 100?

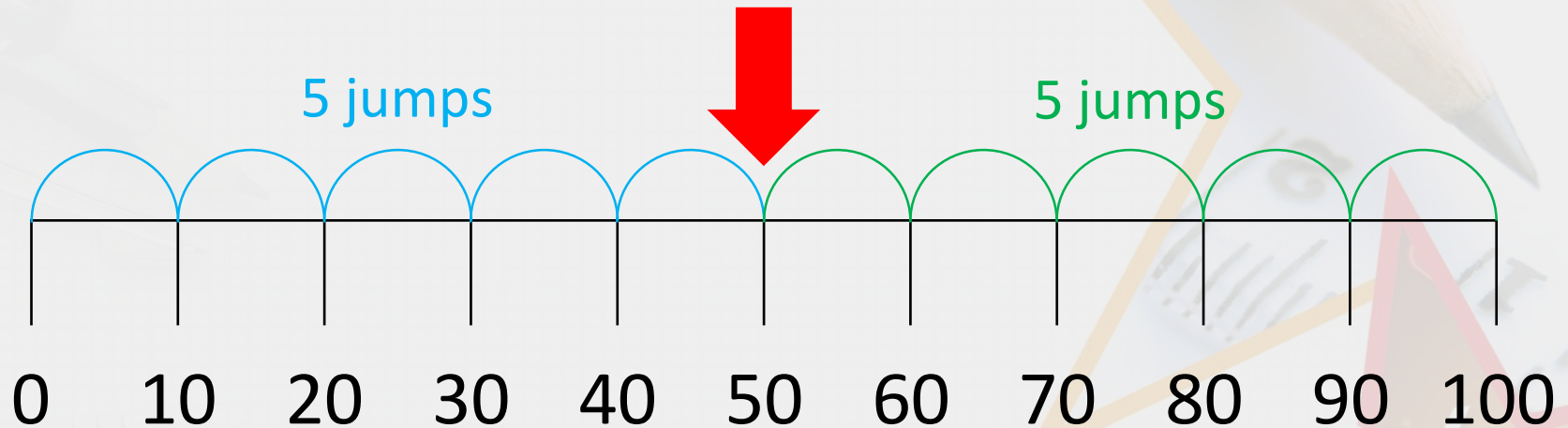


50 is halfway between 0 and 100.

50 is the midpoint on this number line.

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What is the midpoint between 0 and 100?



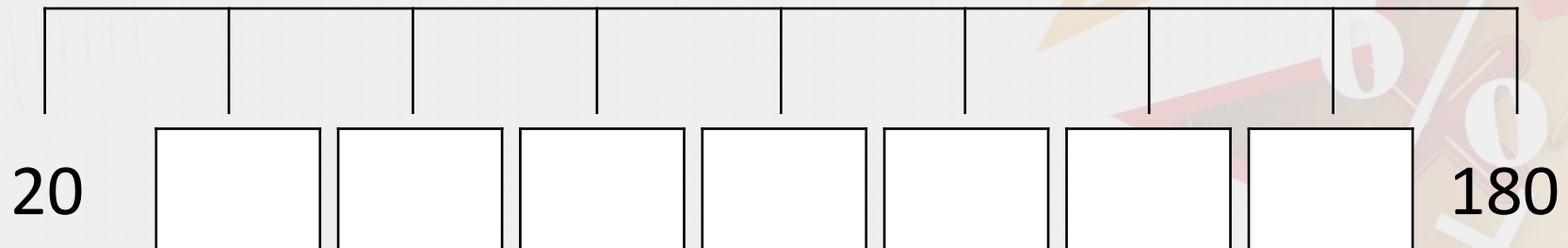
50 is halfway between 0 and 100.

50 is the midpoint on this number line.

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Fill in the missing numbers.

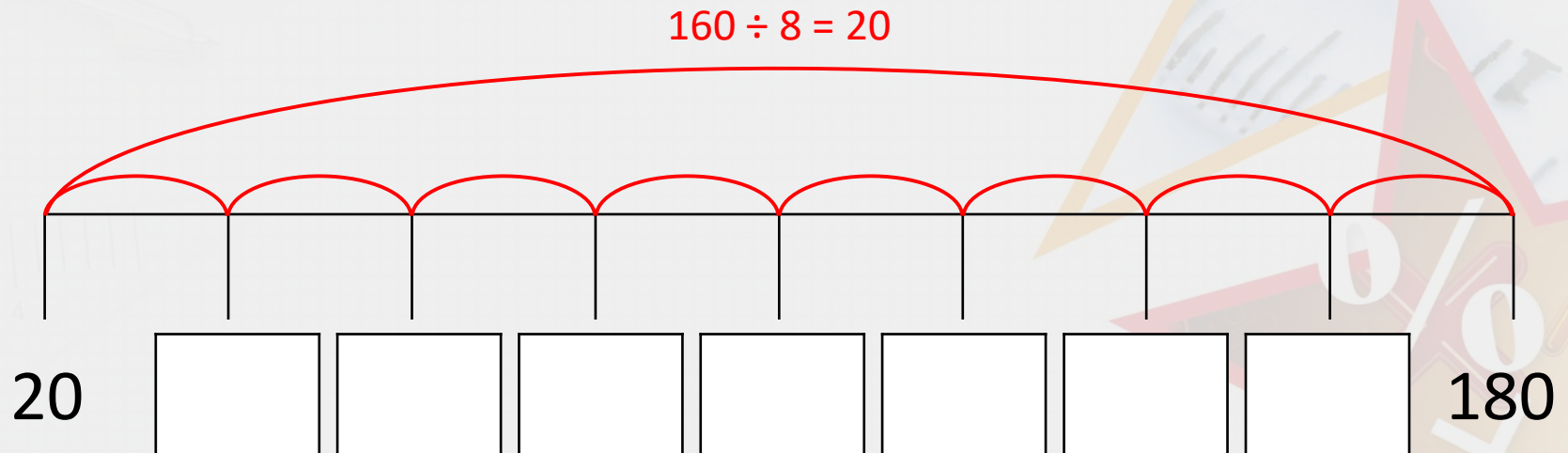
Then find the midpoint on the number line.



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Fill in the missing numbers.

Then find the midpoint on the number line.

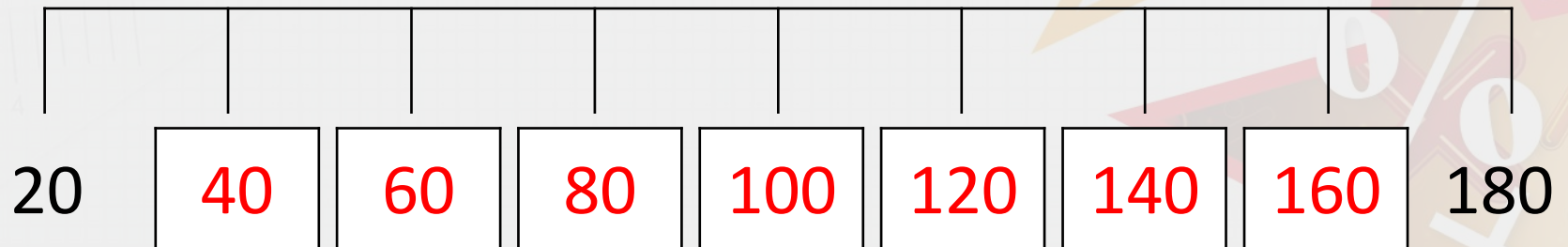


The increments go up in multiples of 20.

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100 is halfway between 20 and 180.

100 is the midpoint on the number line.



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Fill in the missing numbers.

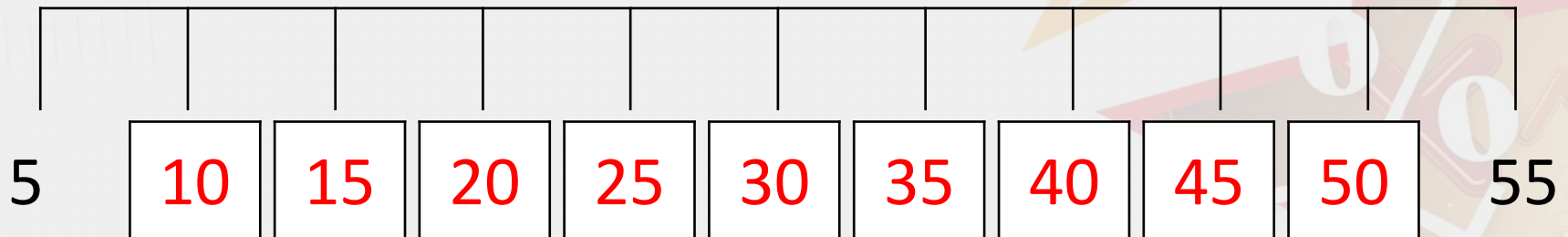
Then find the midpoint on the number line.



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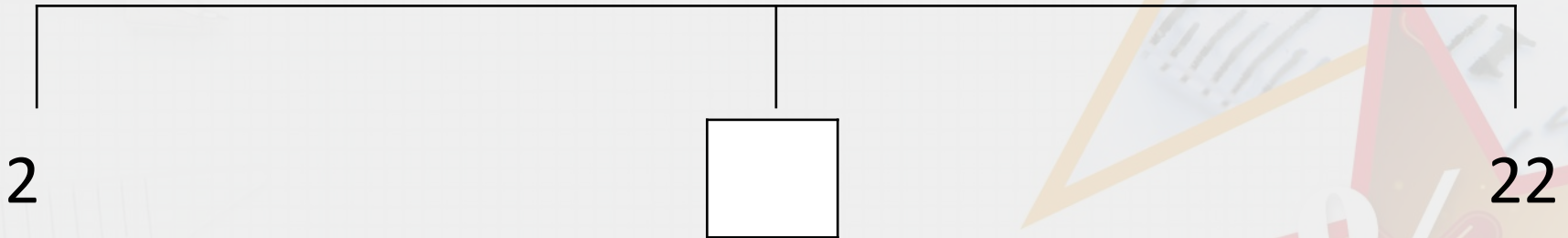
30 is halfway between 5 and 55.

30 is the midpoint on the number line.



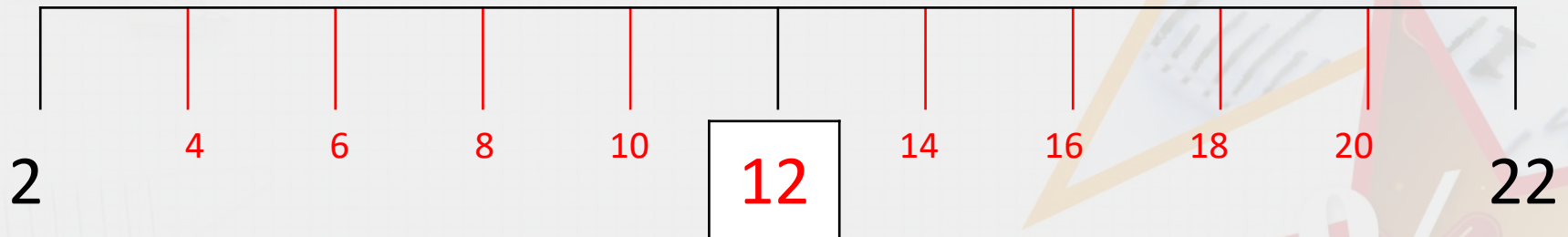
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Find the midpoint on the number line.



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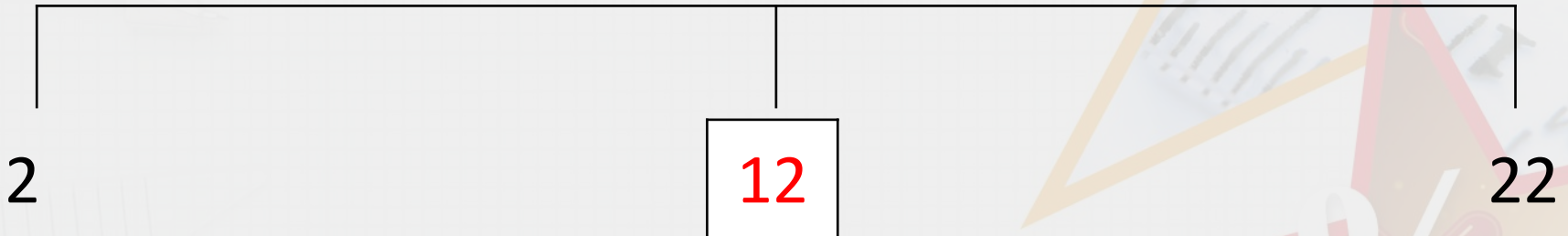
Find the midpoint on the number line.



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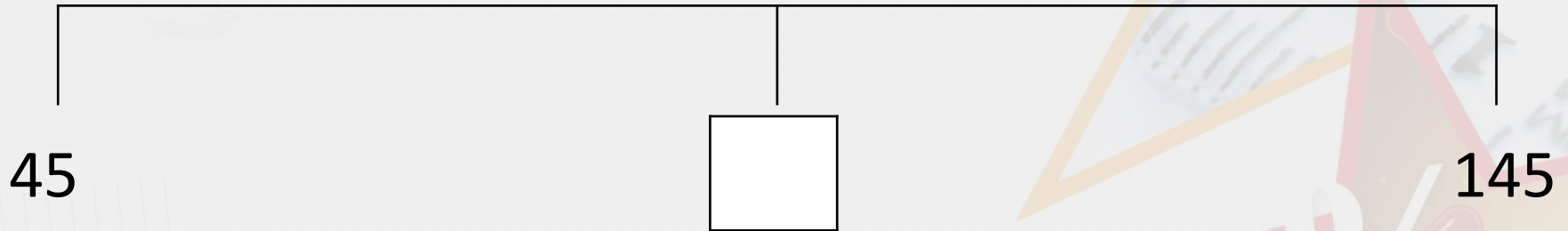
Find the midpoint on the number line.

The midpoint is 12.



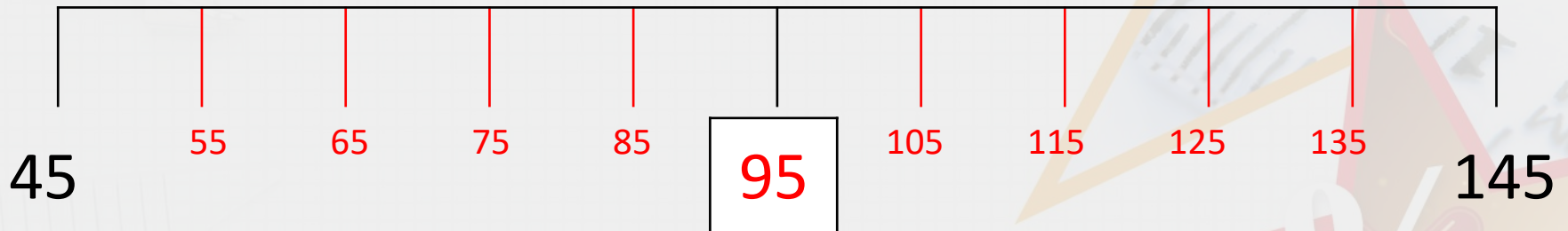
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Find the midpoint on the number line.



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Find the midpoint on the number line.



An Introduction to Number Lines

Find the midpoint on the number line.

The midpoint is 95.

