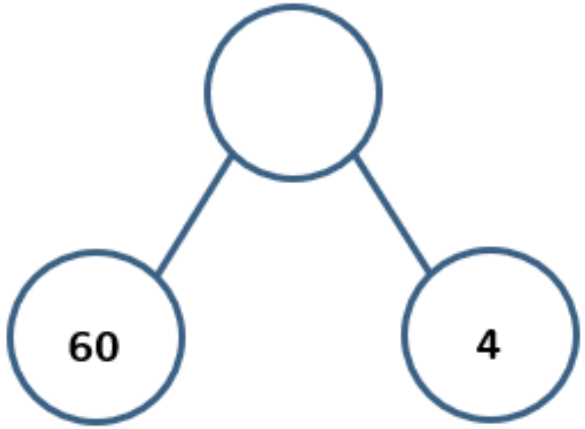
To be able to round to the nearest ten

Starter:

Which one doesn't belong?

54	64	74	84	94

LXIV



Answer. Prove. Explain.

Success Criteria

- ❑ I can place two digit and three digit numbers on a number line and identify the multiples of ten either side
- ❑ I can explain which column to look at when rounding to the nearest ten
- ❑ I can explain how we know whether to round up or down to the nearest ten

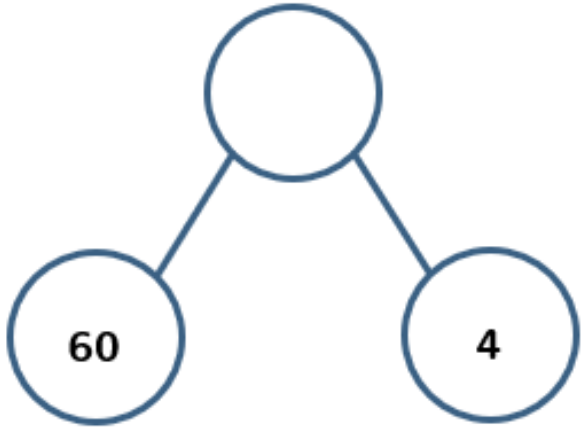
To be able to round to the nearest ten

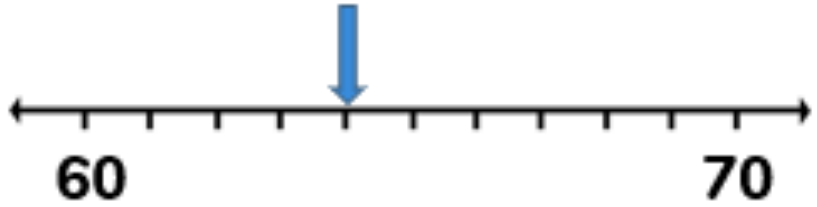
Starter:

Which one doesn't belong?

54	64	74	84	94

LXIV





The number track doesn't belong as it is indicating 84, whereas the part-whole model, number line and Roman Numerals are all representing 64.

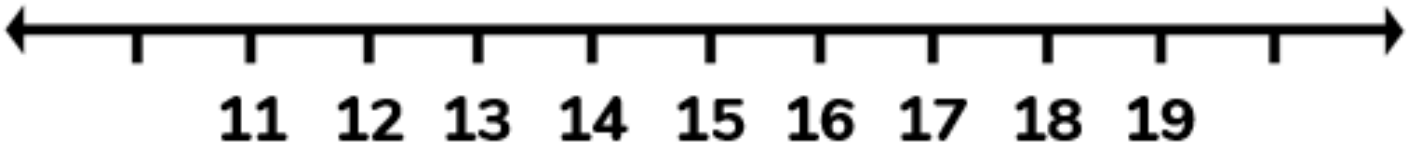
Success Criteria

- ❑ I can place two digit and three digit numbers on a number line and identify the multiples of ten either side
- ❑ I can explain which column to look at when rounding to the nearest ten
- ❑ I can explain how we know whether to round up or down to the nearest ten

To be able to round to the nearest ten

Talking time:

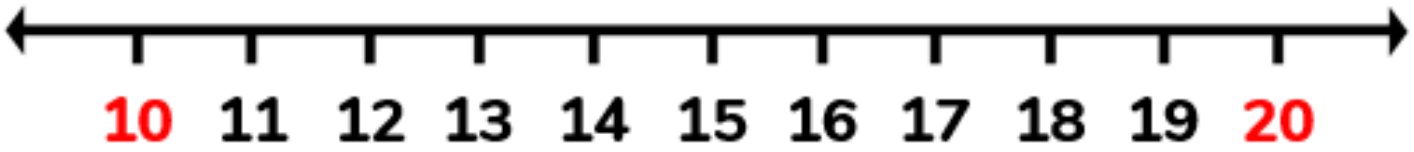
Which multiples of 10 do the numbers sit between?



To be able to round to the nearest ten

Talking time:

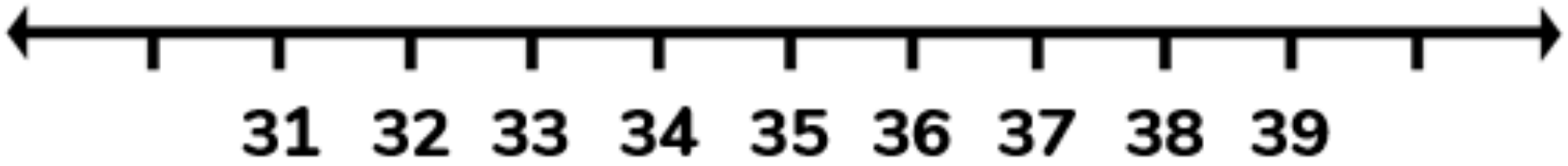
Which multiples of 10 do the numbers sit between?



To be able to round to the nearest ten

Talking time:

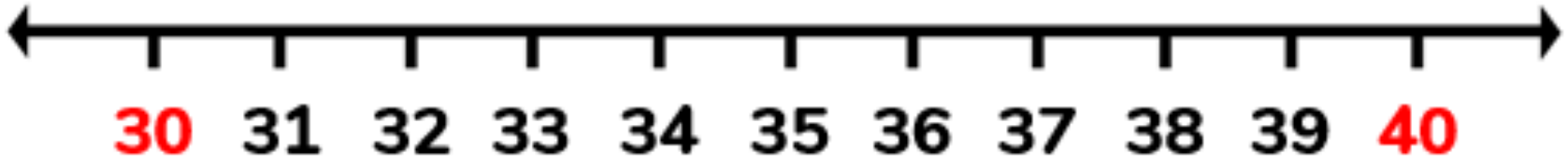
Which multiples of 10 do the numbers sit between?



To be able to round to the nearest ten

Talking time:

Which multiples of 10 do the numbers sit between?



To be able to round to the nearest ten

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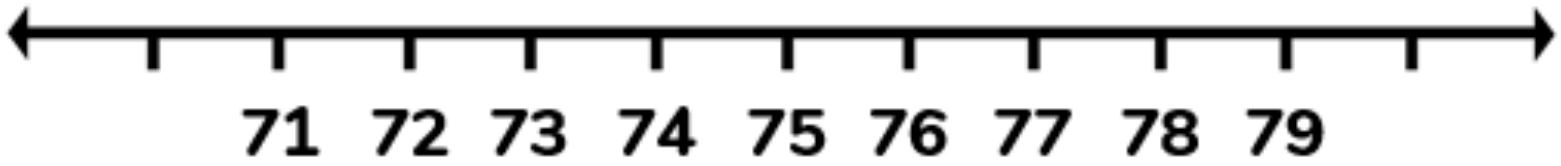
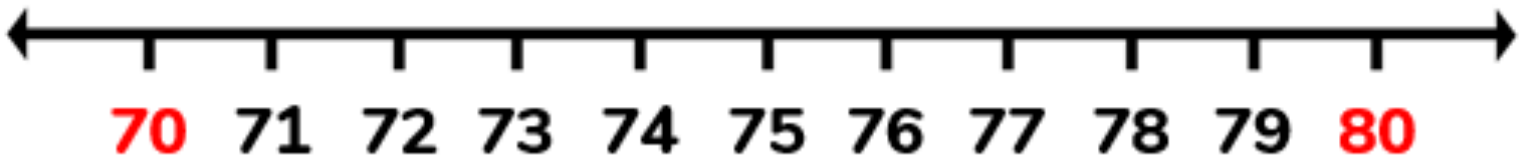
Which multiples of 10 do the numbers sit between?



To be able to round to the nearest ten

Talking time:

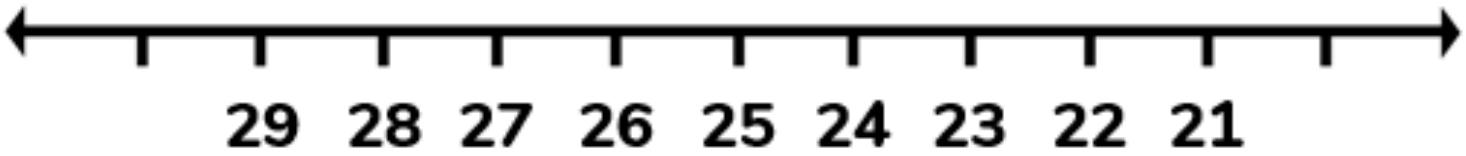
Which multiples of 10 do the numbers sit between?



To be able to round to the nearest ten

Talking time:

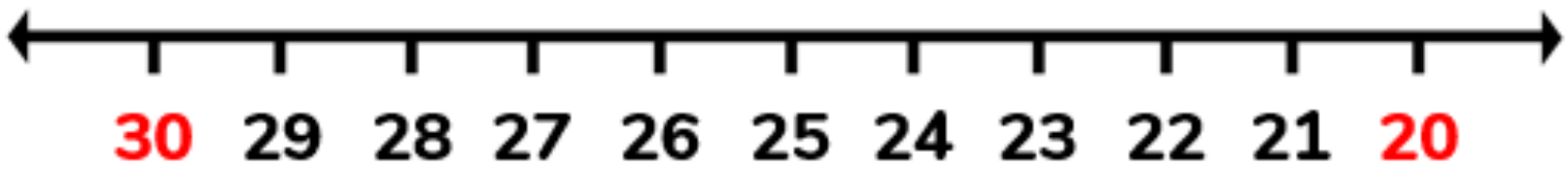
Which multiples of 10 do the numbers sit between?



To be able to round to the nearest ten

Talking time:

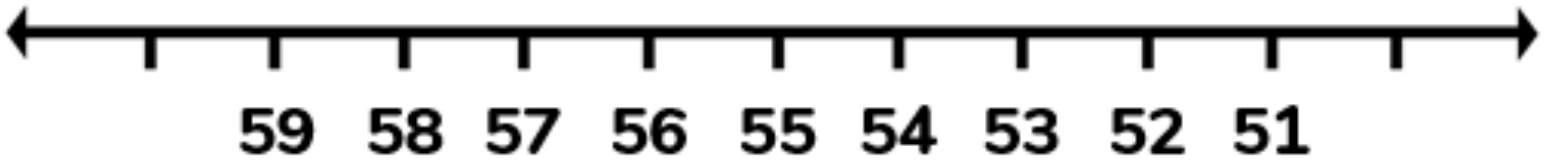
Which multiples of 10 do the numbers sit between?



To be able to round to the nearest ten

Talking time:

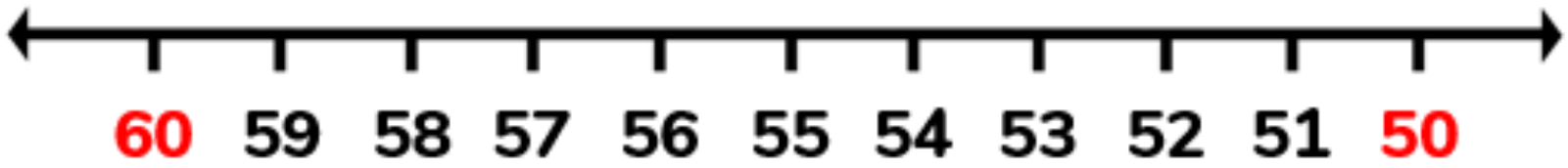
Which multiples of 10 do the numbers sit between?



To be able to round to the nearest ten

Talking time:

Which multiples of 10 do the numbers sit between?

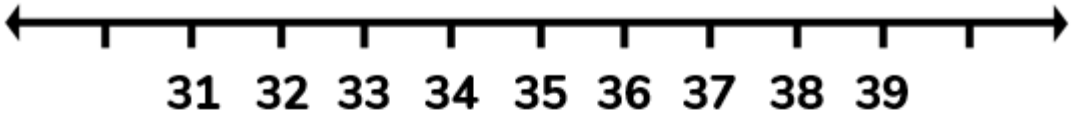


To be able to round to the nearest ten

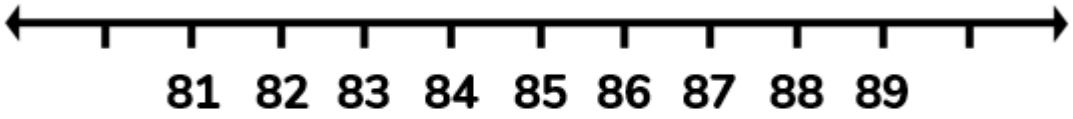
Activity 1:

Which multiples of 10 do the numbers sit between?

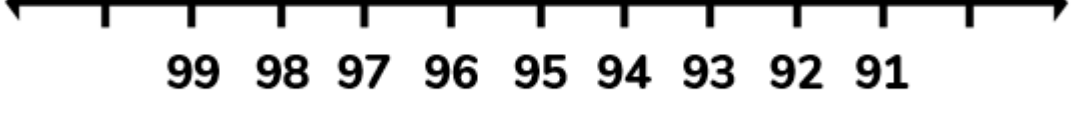
a)



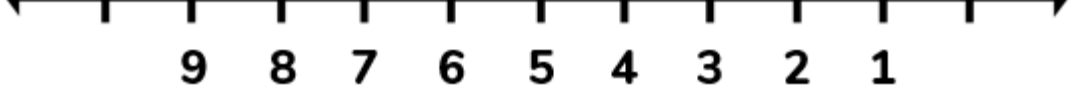
b)



c)



d)

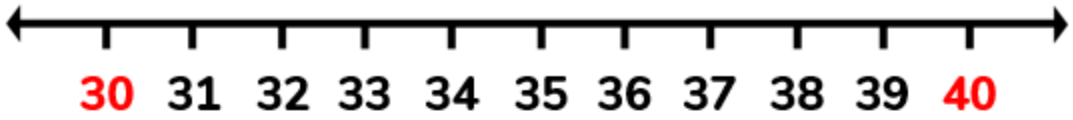


To be able to round to the nearest ten

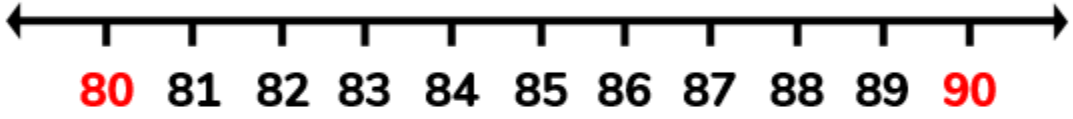
Activity 1:

Which multiples of 10 do the numbers sit between?

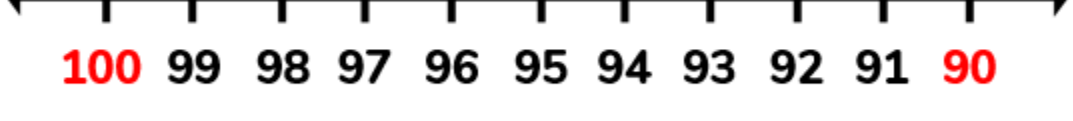
a)



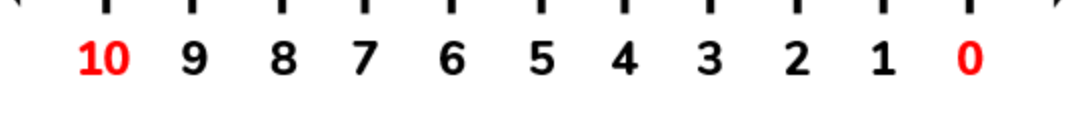
b)



c)



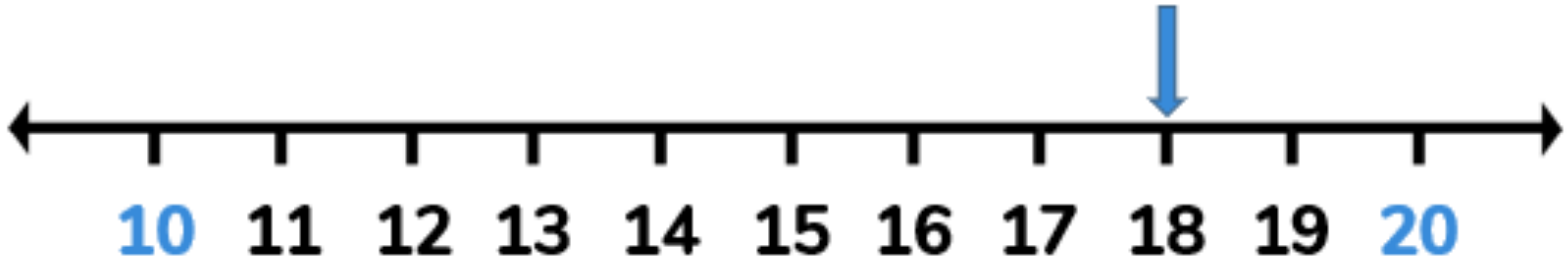
d)



To be able to round to the nearest ten

Talking time:

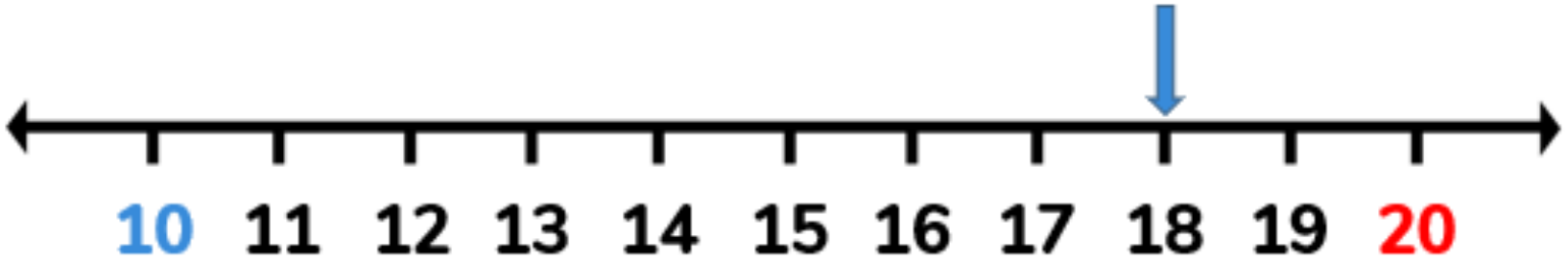
Which multiple of 10 is the number closer to?



To be able to round to the nearest ten

Talking time:

Which multiple of 10 is the number closer to?



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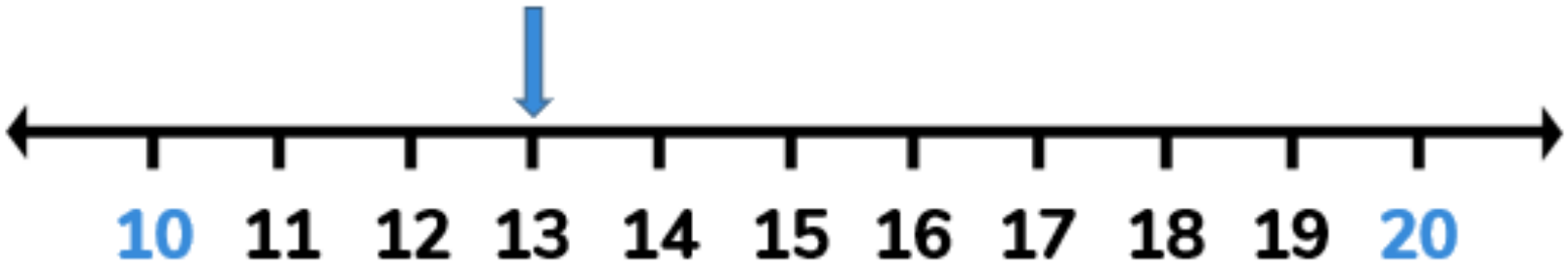

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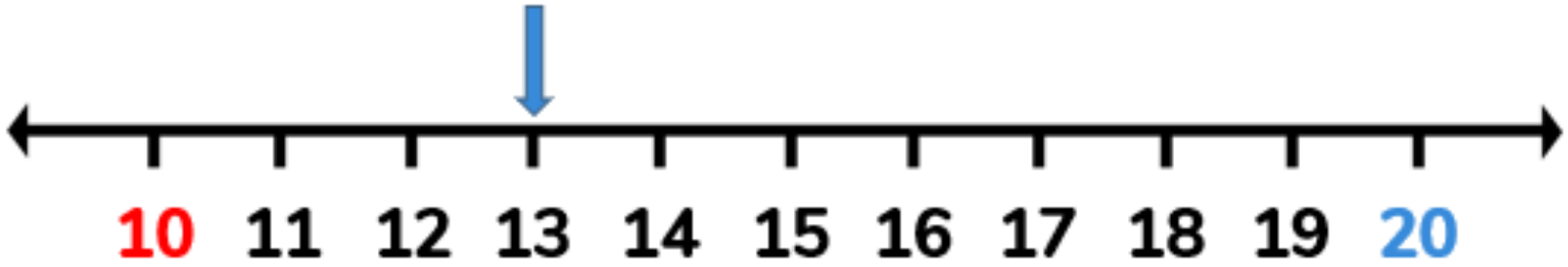

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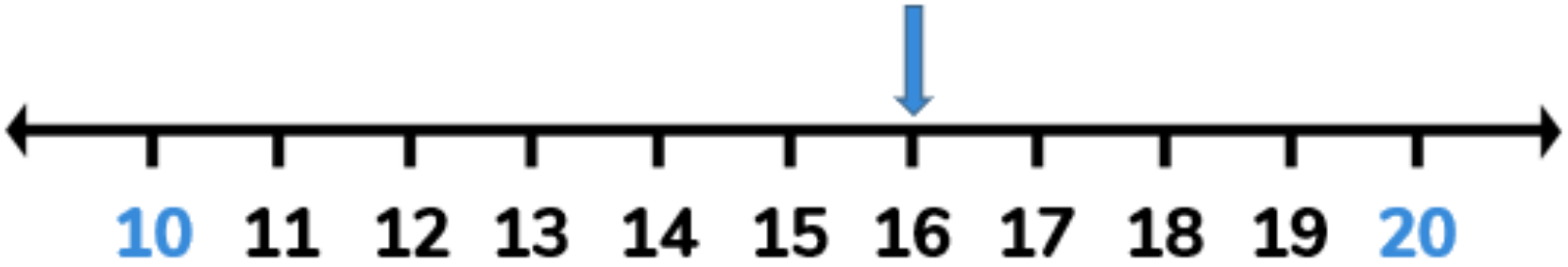

To be able to round to the nearest ten

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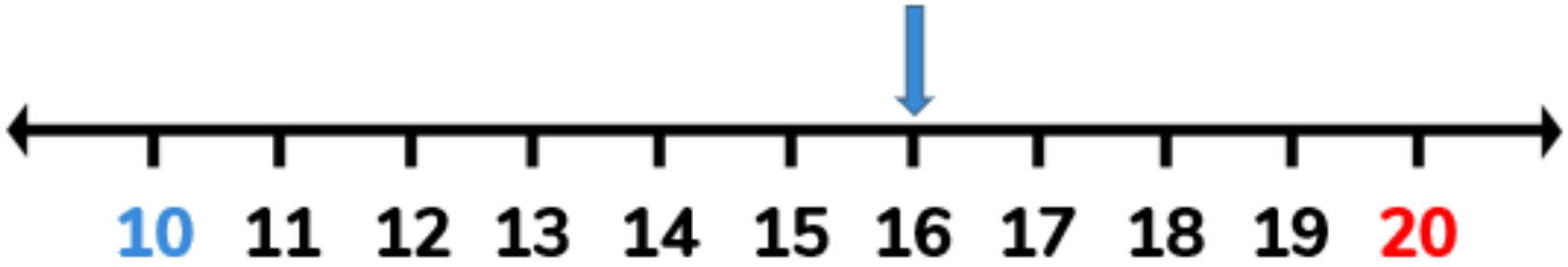

To be able to round to the nearest ten

Talking time:

Which multiple of 10 is the number closer to?

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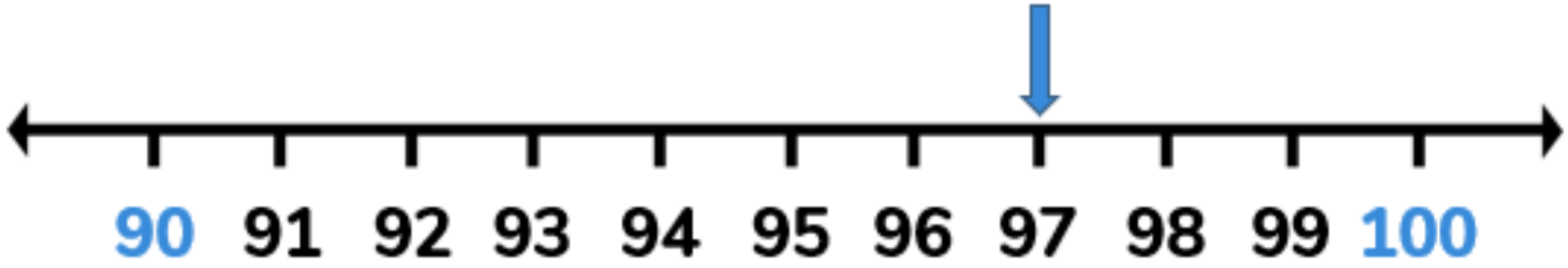

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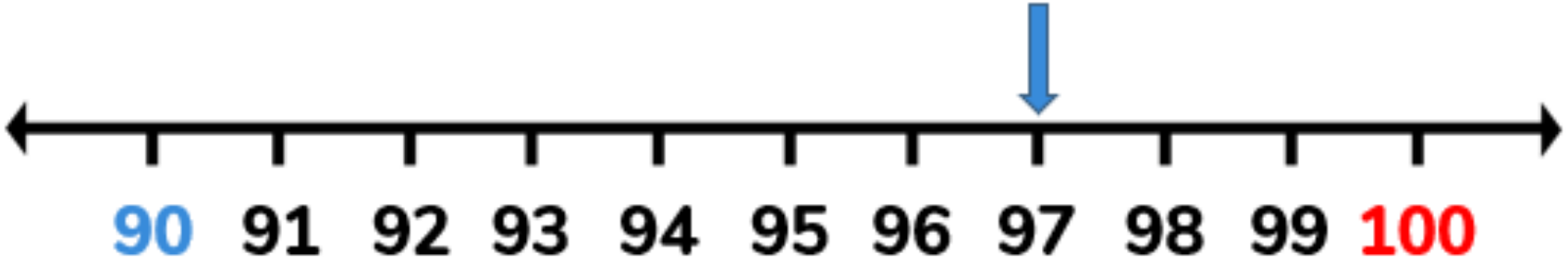
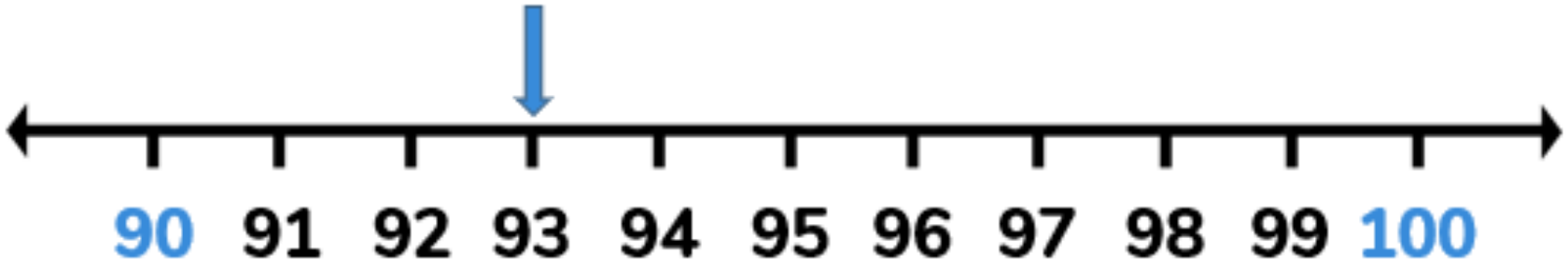


To be able to round to the nearest ten

Talking time:

Which multiple of 10 is the number closer to?



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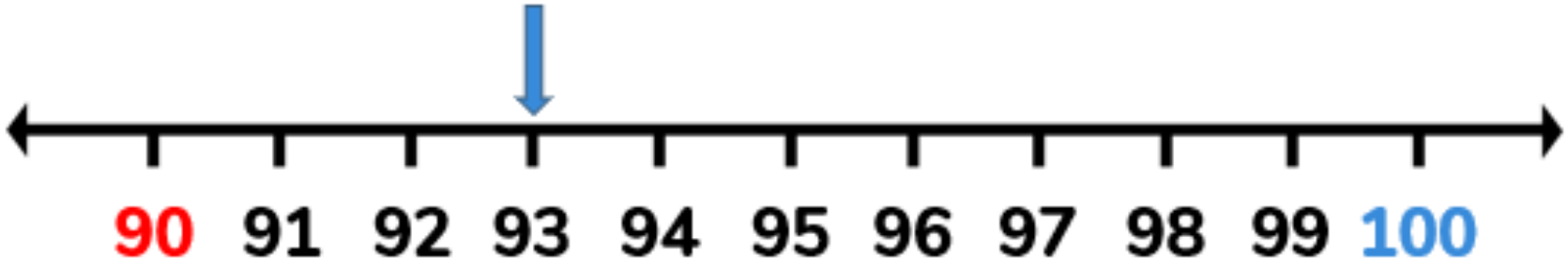

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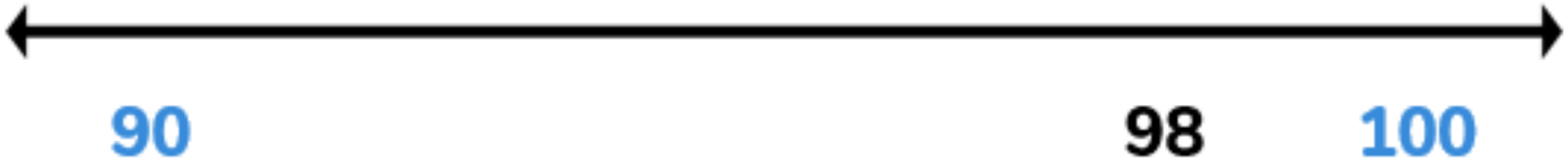

To be able to round to the nearest ten

Talking time:

Which multiple of 10 is the number closer to?

To be able to round to the nearest ten

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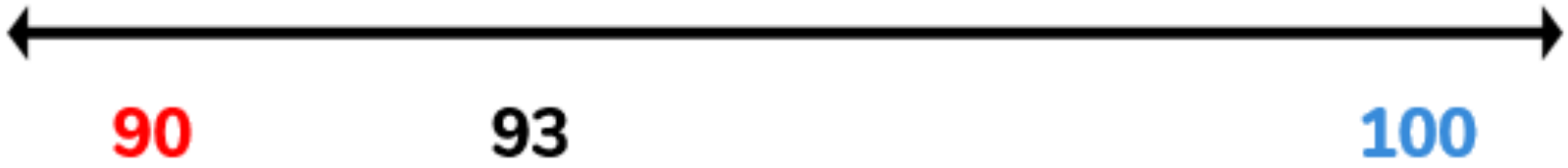

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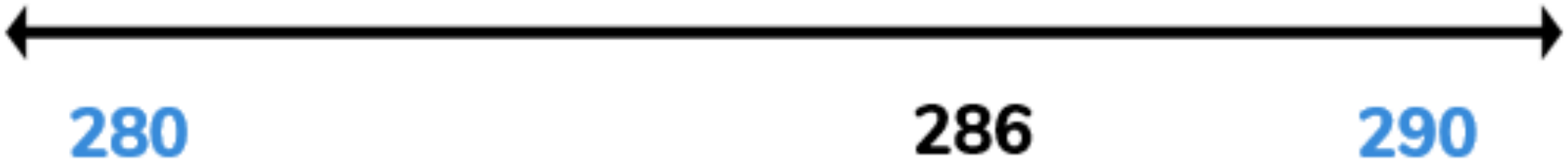

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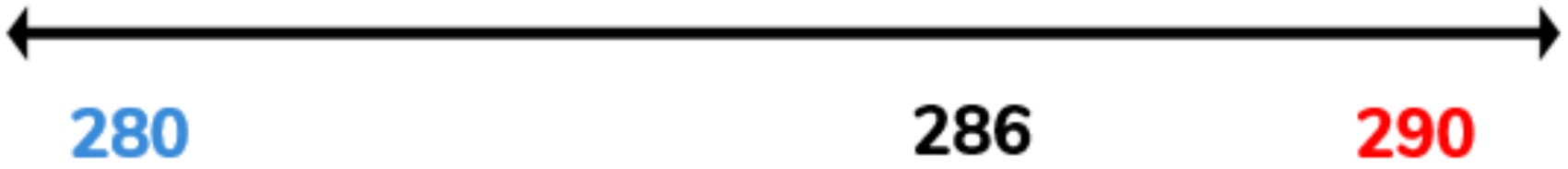

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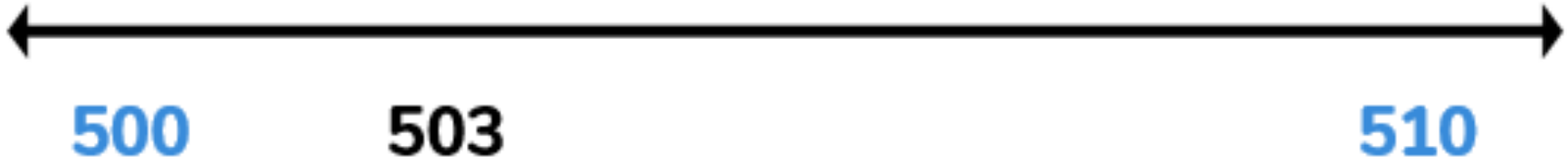

To be able to round to the nearest ten

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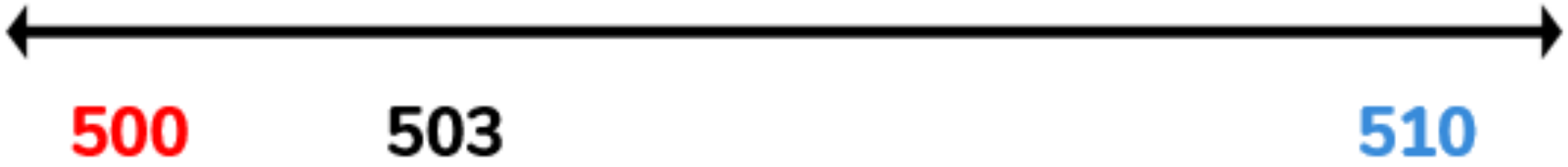
Which multiple of 10 is the number closer to?

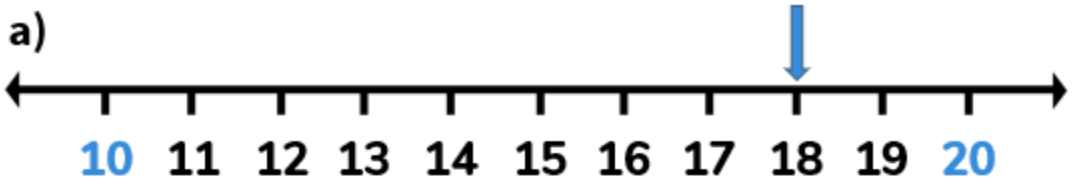


To be able to round to the nearest ten

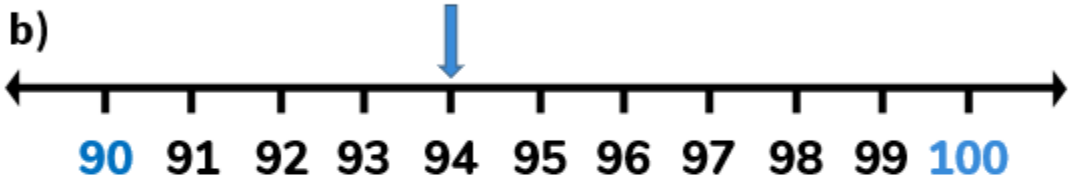
Activity 2:

Circle the multiple of 10 the number is closest to:

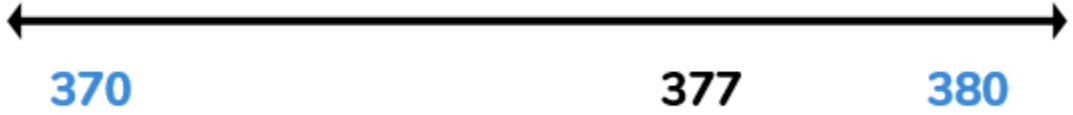
a)



b)



c)

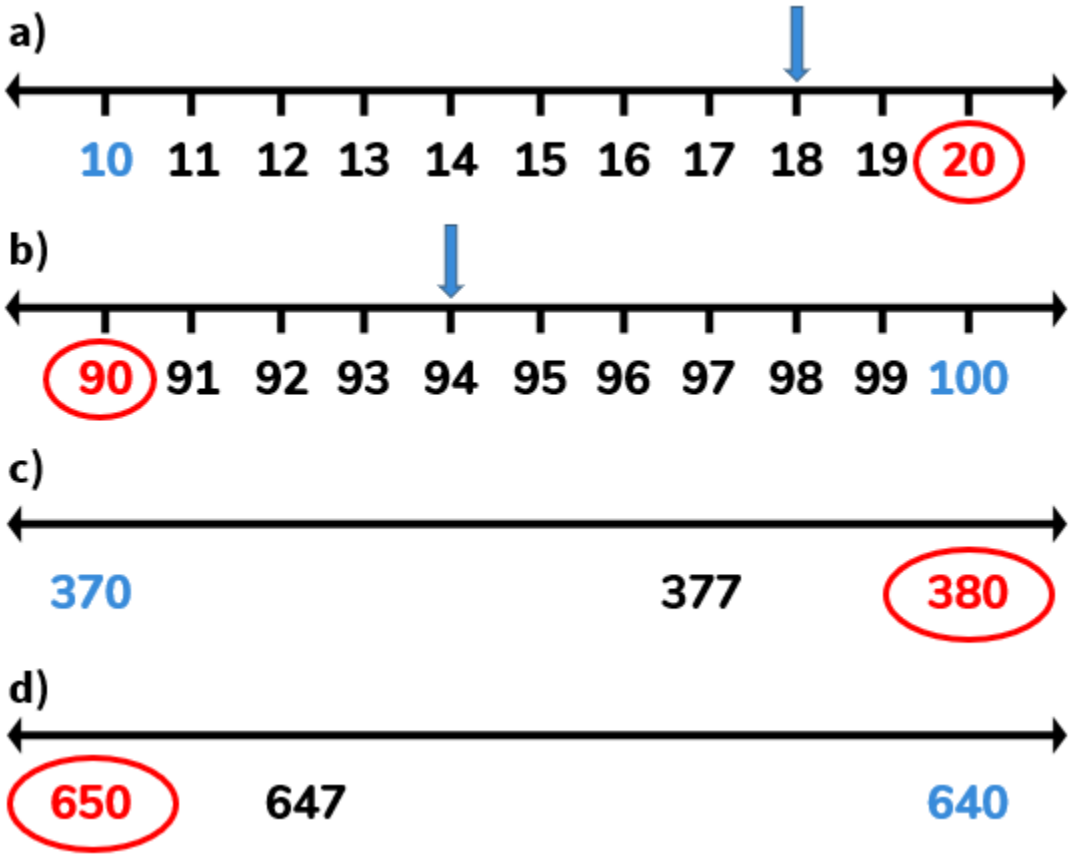


d)

To be able to round to the nearest ten

Activity 2:

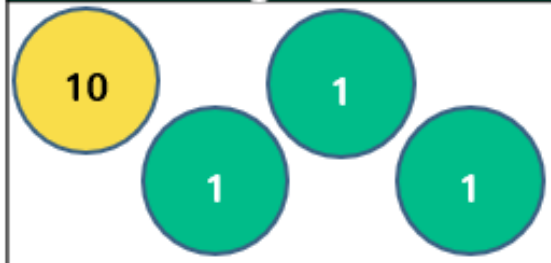
Circle the multiple of 10 the number is closest to:



To be able to round to the nearest ten

Activity 3:

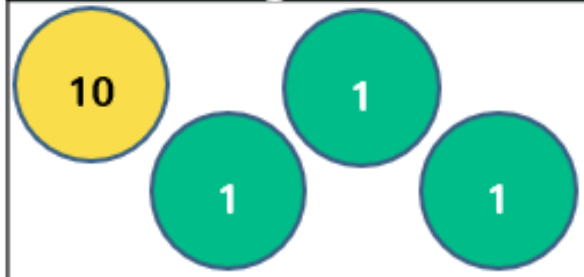
Complete the table below:

Starting Number	Rounded to nearest 10
	
777	
LXXIX	

To be able to round to the nearest ten

Activity 3:

Complete the table below:

Starting Number	Rounded to nearest 10
	10
777	780
LXXIX	80

To be able to round to the nearest ten

Activity 4:

a) A number is rounded to 260.

260

What could the starting number be?

Answer. Prove. Explain.

b) Two different two-digit numbers both round to 50 when rounded to the nearest 10.
The sum of the two numbers is 100.
What could the numbers be?

Answer. Prove. Explain.

To be able to round to the nearest ten

Activity 4:

a) A number is rounded to 260.

260

What could the starting number be?

The starting number could be 255, 256, 257, 258, 259, 260, 261, 262, 263, and 264.

b) Two different two-digit numbers both round to 50 when rounded to the nearest 10.
The sum of the two numbers is 100.
What could the numbers be?

The solutions are 46 + 54; 47 + 53; 48 + 52; 49 + 51.
55 + 45 doesn't work as 55 rounds up to 60, 50 + 50 doesn't work as the two numbers must be different.

To be able to round to the nearest ten

Evaluation:

James says, “676 rounded to the nearest ten is 670.”

Do you agree? Why?

Answer. Prove. Explain.

Success Criteria

- ❑ I can place two digit and three digit numbers on a number line and identify the multiples of ten either side
- ❑ I can explain which column to look at when rounding to the nearest ten
- ❑ I can explain how we know whether to round up or down to the nearest ten

To be able to round to the nearest ten

Evaluation:

James says, “676 rounded to the nearest ten is 670.”

Do you agree? Why?

James is incorrect. If the digit in the ones column is 5 or greater, then the number is rounded up to the next nearest ten, so 676 rounds to 680.

Success Criteria

- ❑ I can place two digit and three digit numbers on a number line and identify the multiples of ten either side
- ❑ I can explain which column to look at when rounding to the nearest ten
- ❑ I can explain how we know whether to round up or down to the nearest ten