

- I can order numbers to 100 from greatest to smallest or smallest to greatest
- I can represent the order of numbers in different ways
- I can explain and justify my answers using different resources

Starter:

Can you work out what is missing here?

How do you know?

$$20 + 15 = 35$$

$$30 + 15 = 45$$

$$40 + 15 = 55$$

$$50 + 15 = \underline{\quad}5$$

$$\underline{\quad} + 15 = 75$$

$$\underline{\quad} + \underline{\quad} = \underline{\quad}$$

- I can order numbers to 100 from greatest to smallest or smallest to greatest
- I can represent the order of numbers in different ways
- I can explain and justify my answers using different resources

Starter:

Can you work out what is missing here?

How do you know?

$$20 + 15 = 35$$

$$30 + 15 = 45$$

$$40 + 15 = 55$$

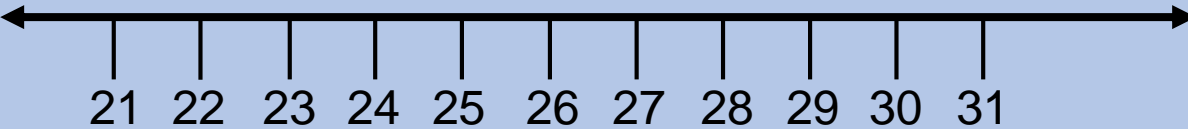
$$50 + 15 = \underline{65}$$

$$\underline{60} + 15 = 75$$

$$\underline{70} + \underline{15} = \underline{85}$$

Talking Time:

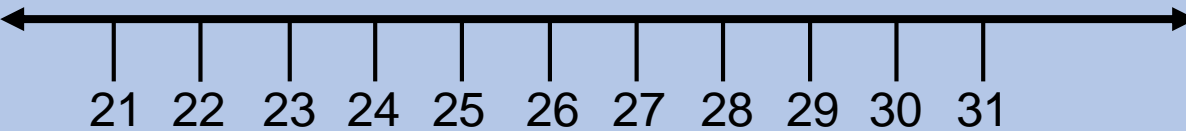
Can you circle the numbers 27, 22 and 30 on the number line?



Which of these numbers is the smallest? How do you know?
Which of these numbers is the greatest? How do you know?

Talking Time:

Can you circle the numbers 27, 22 and 30 on the number line?



Which of these numbers is the smallest? How do you know?

22 is the smallest. 2 tens and 2 ones < 27 and 30.

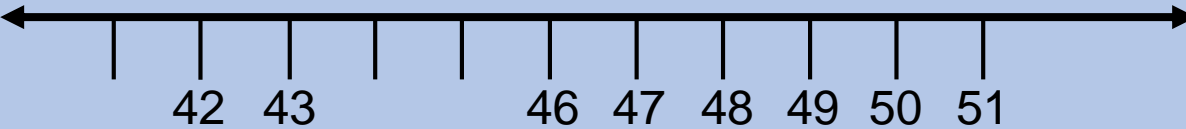
Which of these numbers is the greatest? How do you know?

30 is the greatest. The other two numbers only have 2 tens.

Talking Time:

Which numbers are missing from this number line?

How do you know?

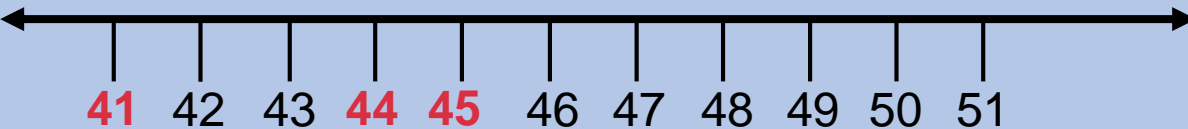


Which of these numbers is the smallest? How do you know?

Which of these numbers is the greatest? How do you know?

Talking Time:

Which numbers are missing from this number line?
How do you know?



Which of these numbers is the smallest? How do you know?

All three numbers are forty-something numbers, but 41 is the smallest. It has 4 tens + 1 one.

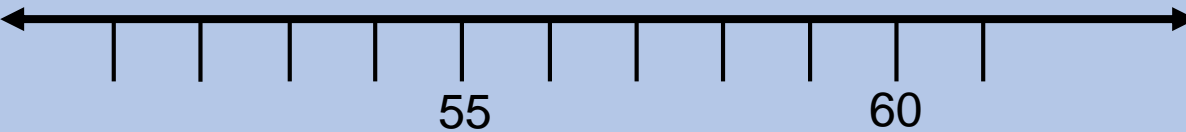
Which of these numbers is the greatest? How do you know?

45 is the largest. It has 4 tens + 5 ones.

Talking Time:

Where would you put the numbers 58, 53 and 51 on this number line?

Can you explain your thinking?



Which of these numbers is the smallest? How do you know?

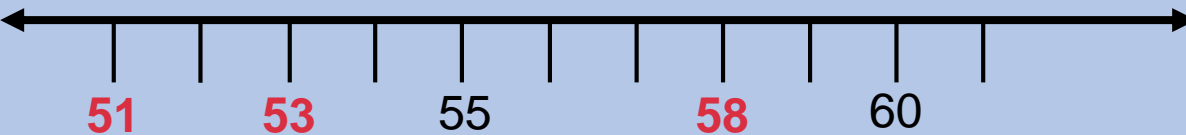
Which of these numbers is the greatest? How do you know?

Talking Time:

Where would you put the numbers 58, 53 and 51 on this number line?

Can you explain your thinking?

58 is 2 fewer than 60. 53 is 2 fewer than 55.
51 is 2 fewer than 53.

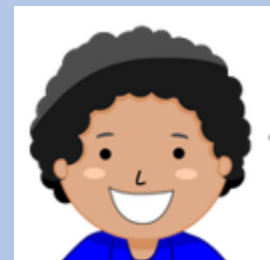


Which of these numbers is the smallest? How do you know?

All three numbers are fifty-something numbers, but 51 is the smallest. It has 5 tens + 1 one.

Which of these numbers is the greatest? How do you know?

58 is the largest. It has 5 tens + 8 ones.



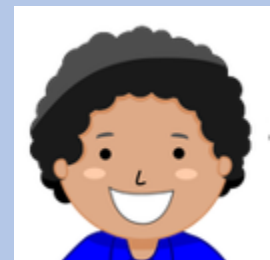
Activity 1:

Here are 6 number cards.
Lucas has been asked to put them in order from smallest to largest.
He has made a start.
Can you help him to finish the task?
Which number will be the fifth one in the sequence?

62	54	43	45	34
----	----	----	----	----

26					
----	--	--	--	--	--

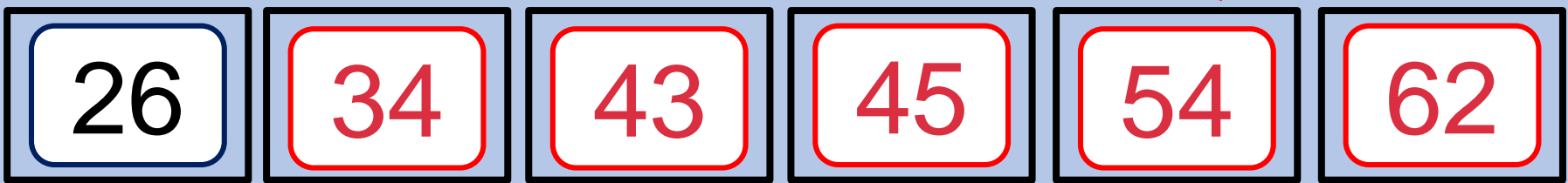
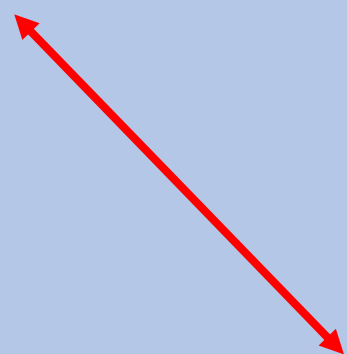
smallest \longrightarrow greatest



Activity 1:

Here are 6 number cards.
Lucas has been asked to put them in order from smallest to largest.
He has made a start.
Can you help him to finish the task?
Which number will be the fifth one in the sequence?

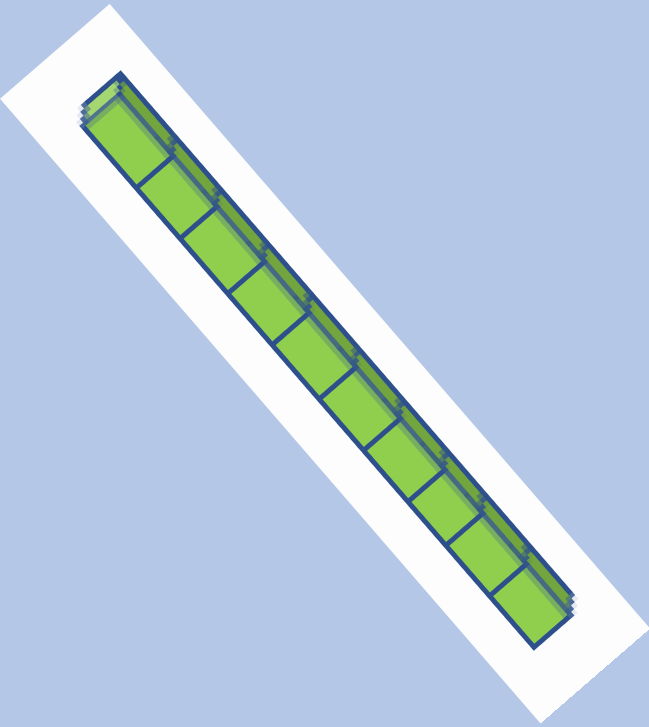
Extension:
If Lucas started with the greatest number first, which number would be third in the sequence? Why?



smallest —————> greatest

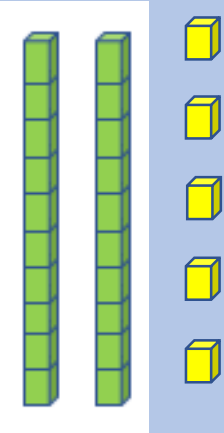
Talking Time:

Can you use base 10 resources to make the numbers twenty-five, fifteen and fifty-one?

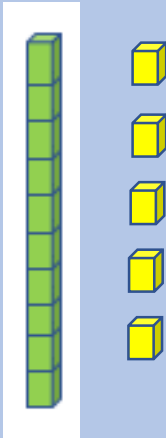


Talking Time:

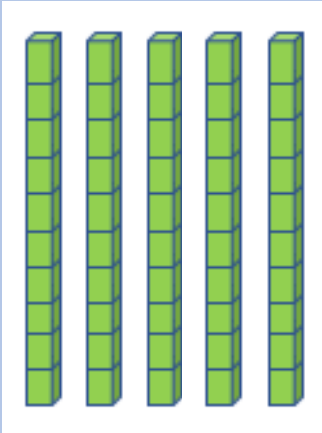
Can you use base 10 resources to make the numbers twenty-five, fifteen and fifty-one?



twenty-five



fifteen



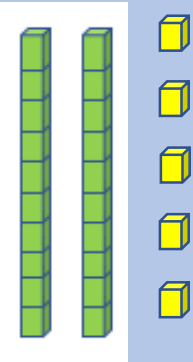
fifty-one

Talking Time:

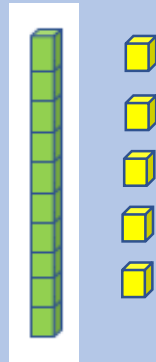
Can you write the numbers in numerals to match the base 10 examples you have just made?

Can you put them in order from greatest to smallest?

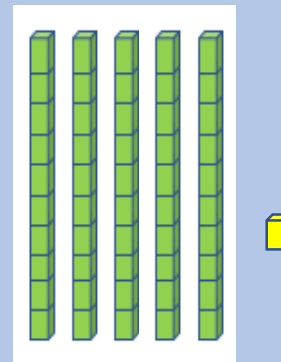
51



25

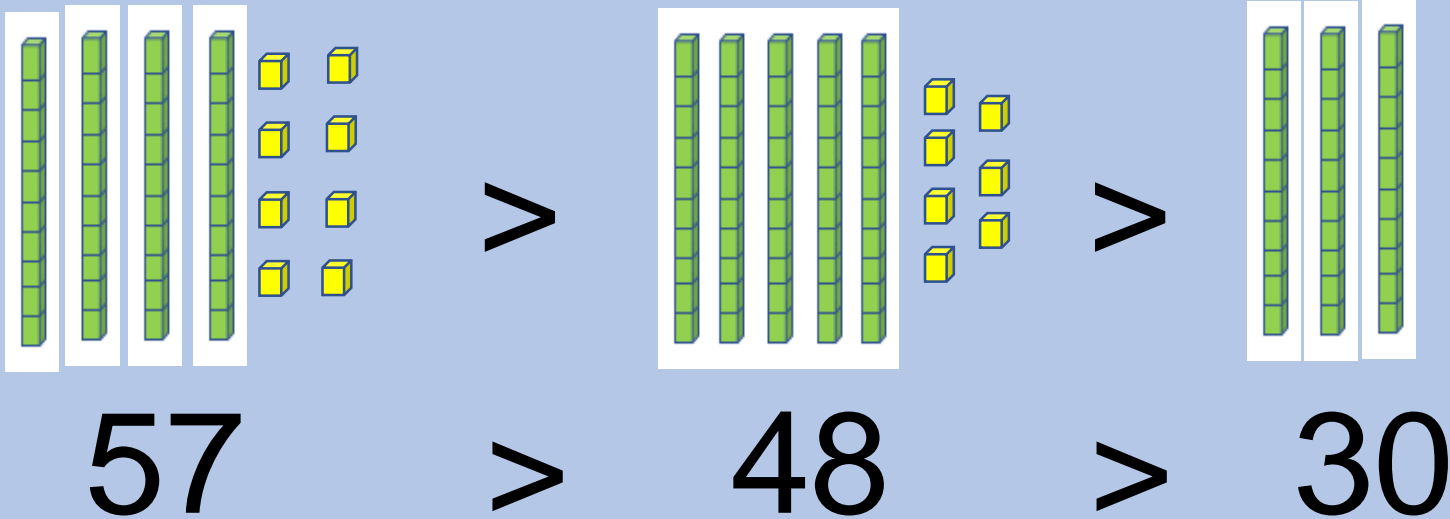


15



Activity 2:

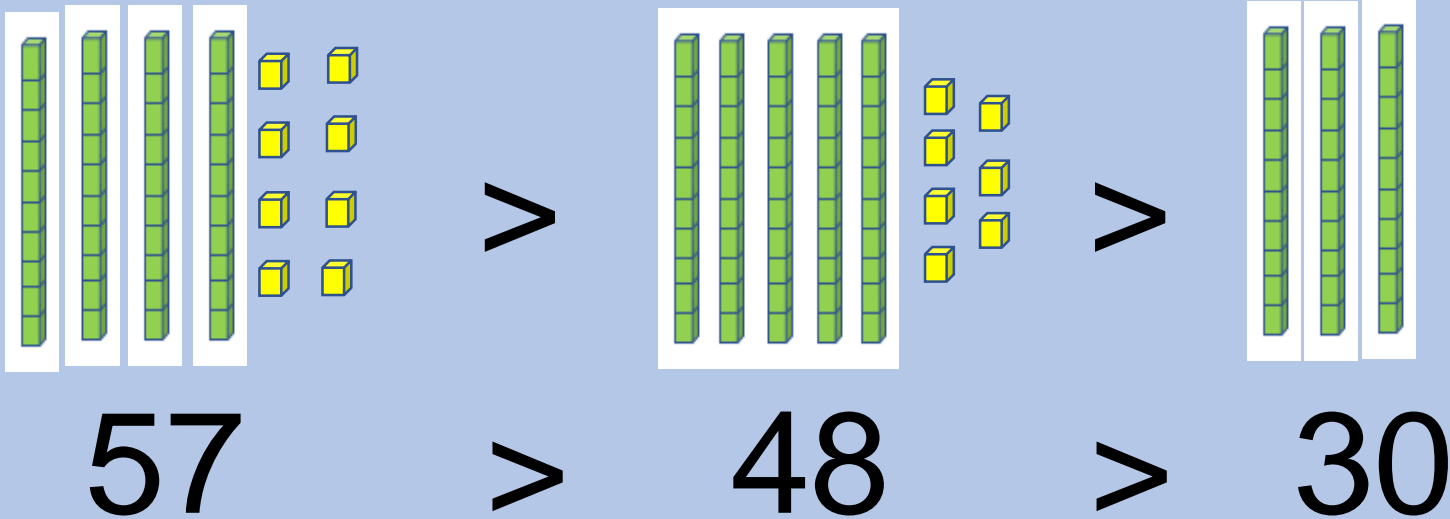
Does the base 10 example match the number example?
Can you explain your answer?



Activity 2:

Does the base 10 example match the number example?
Can you explain your answer?

No, it does not.
The first two base 10 examples are in the wrong order.



Talking Time:

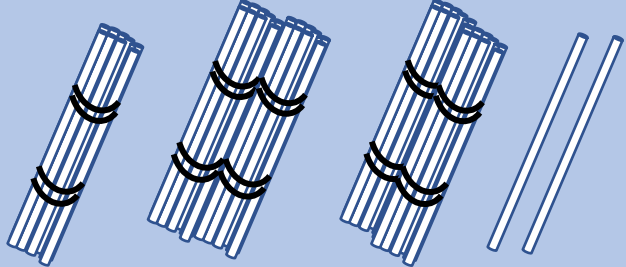
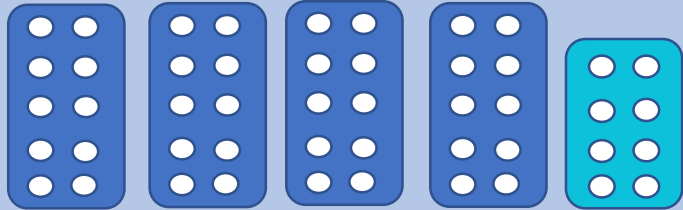
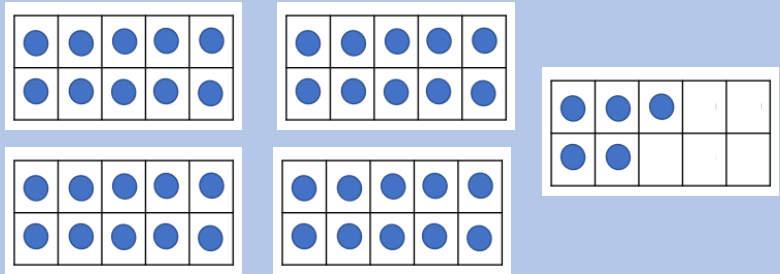
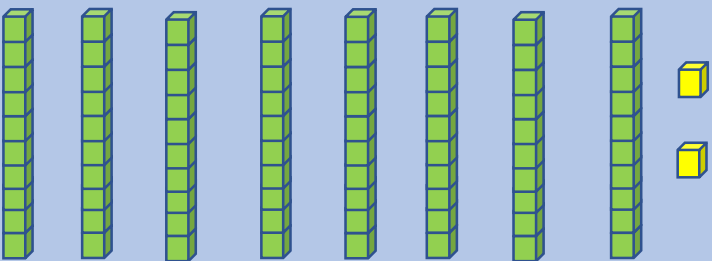
Here are some diagrams representing different numbers.

Can you circle the greatest number?

Can you circle the smallest number?

Can you complete the number sentence?

_____ > _____



Talking Time:

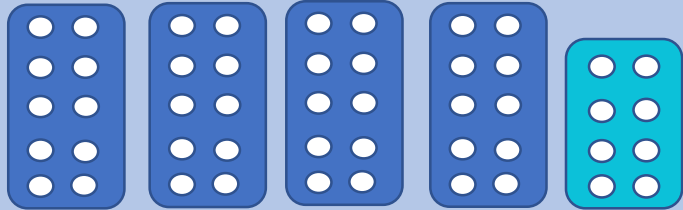
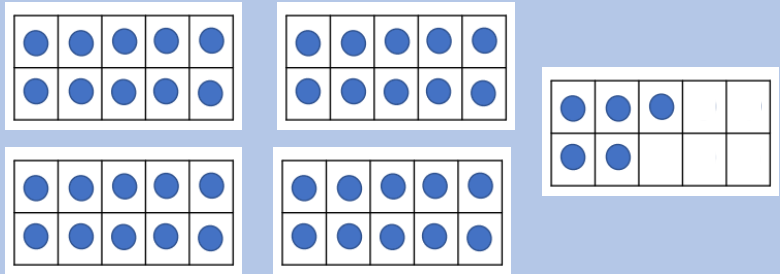
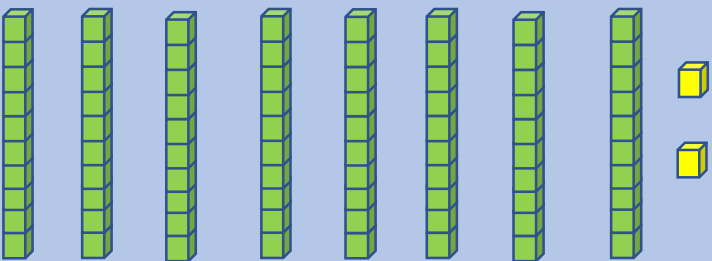
Here are some diagrams representing different numbers.

Can you circle the greatest number?

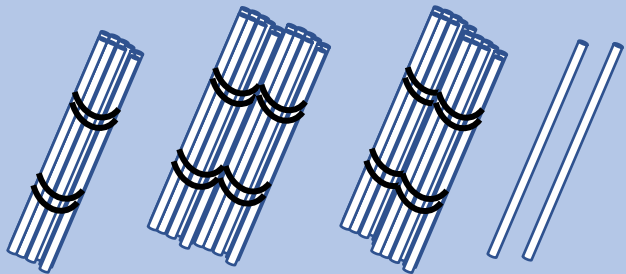
Can you circle the smallest number?

Can you complete the number sentence?

82 > 45



82



45

Talking Time:

Here are some diagrams representing different numbers.

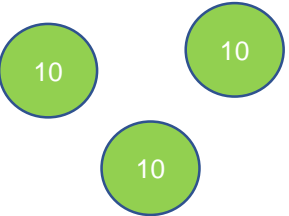

Can you circle the smallest number?

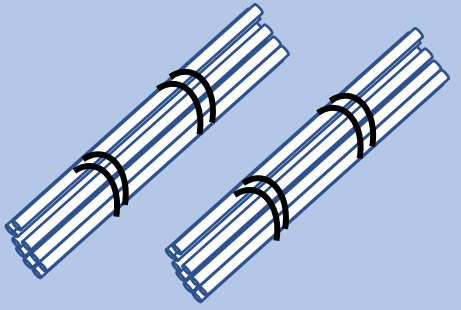
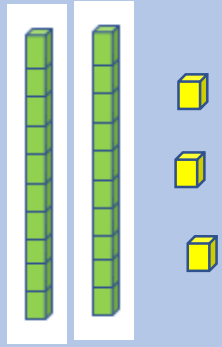
Can you circle the greatest number?

Can you complete the number sentence?

_____ < _____



tens	ones
	



Talking Time:

Here are some diagrams representing different numbers.

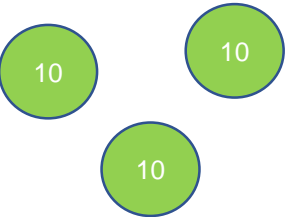

Can you circle the smallest number?

Can you circle the greatest number?

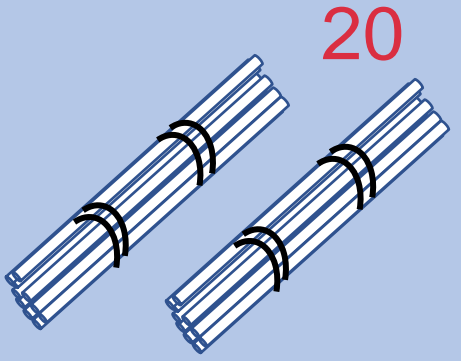
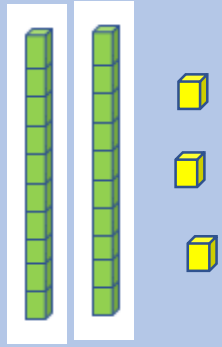
Can you complete the number sentence?

20 < 31



tens	ones
	

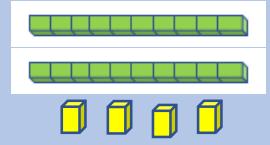
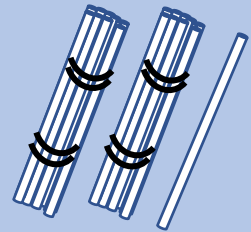
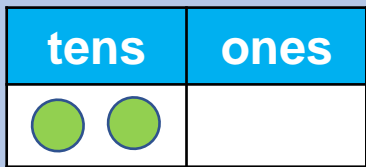
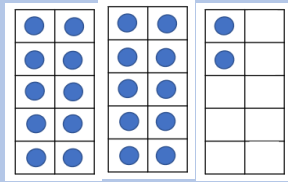
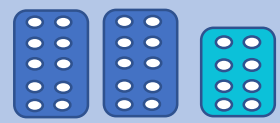
31



Activity 3:

Here are five representations of different numbers.
Where will they fit on the track?

Can you write in each number to check your answers?



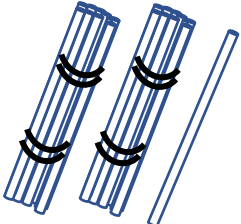
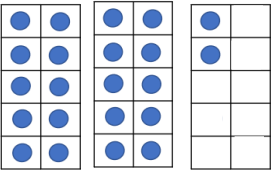
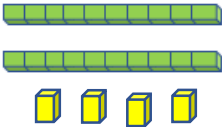

smallest		→			greatest	
		22				

Activity 3:

Here are five representations of different numbers.

Where will they fit on the track?

Can you write in each number to check your answers?

smallest		→			greatest
tens	ones				
20		21	22	23	24

- I can order numbers to 100 from greatest to smallest or smallest to greatest
- I can represent the order of numbers in different ways
- I can explain and justify my answers using different resources

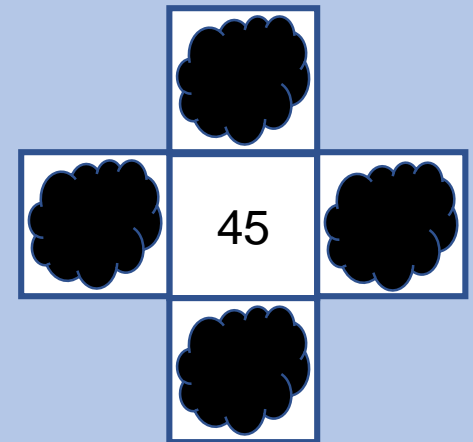
Evaluation:

Here is a jigsaw piece from a hundred square.

Which of the hidden numbers will be the greatest?

Which of the hidden numbers will be the smallest?

Why?



- I can order numbers to 100 from greatest to smallest or smallest to greatest
- I can represent the order of numbers in different ways
- I can explain and justify my answers using different resources

Evaluation:

Here is a jigsaw piece from a hundred square.

Which of the hidden numbers will be the greatest?

55 will be the greatest number. 10 more than 45.

Which of the hidden numbers will be the smallest?

35 will be the smallest number. 10 less than 45.

Why?

44 and 46 are just one less and one more than 45.

35 and 55 are ten less and ten more.

