Ready-to-go Lesson Slides Barley

Place Value

Lesson 8

To order numbers and objects

- ❑ I can order numbers to 50/ 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 = ____5

To order numbers and objects

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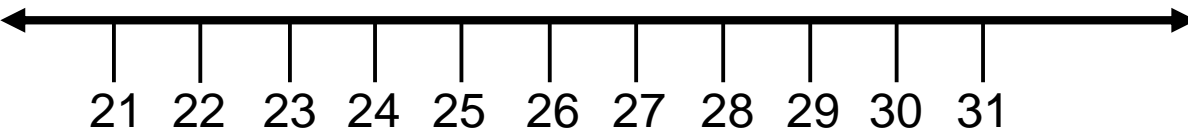$20 + 15 = 35$

$30 + 15 = 45$

$40 + 15 = 55$

$50 + 15 = 65$

Look for patterns in the number sentences. Here, we can see that they are adding 10 each time, so the answer is going to be 10 more

To order numbers and objects

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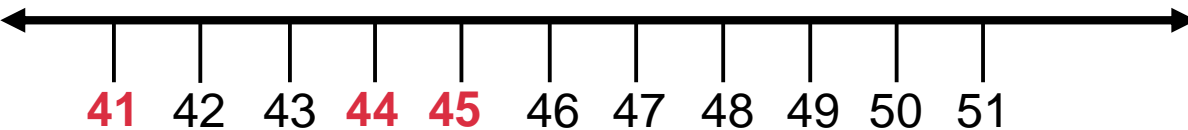22 is the smallest. 2 tens and 2 ones < 27 and 30.

Which of these numbers is the greatest? How do you know?
30 is the greatest. The other two numbers only have 2 tens.

To order numbers and objects

Talking Time:

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

41 42 43 **44** **45** 46 47 48 49 50 51

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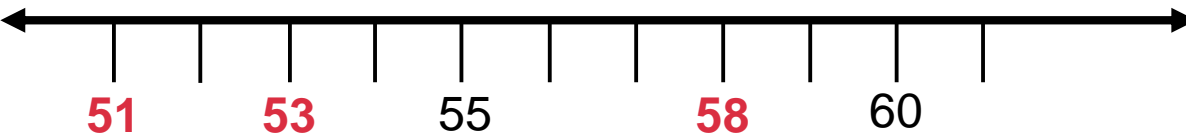45 is the largest. It has 4 tens + 5 ones.

To order numbers and objects

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.

51   **53**   55   **58**   60

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.

To order numbers and objects

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?
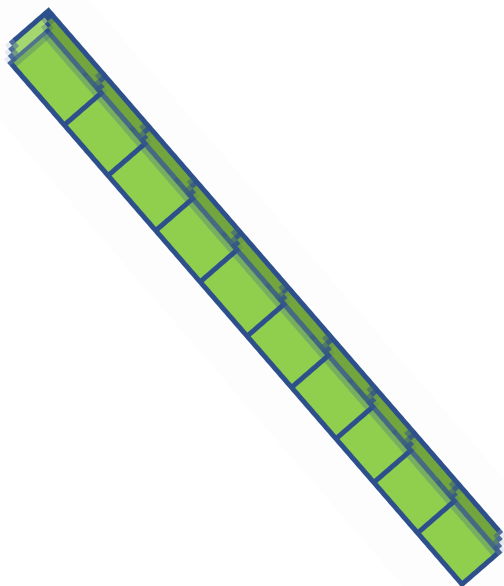Which number will be the fifth one in the sequence?

62	54	43	45	34

26					

smallest ⟶ **greatest**

To order numbers and objects

Talking Time:

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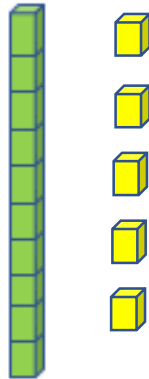
To order numbers and objects

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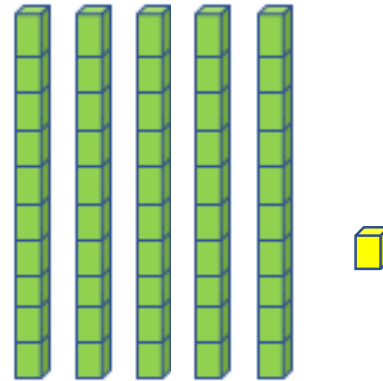
Can you use base 10 resources to make the numbers twenty-five, fifteen and fifty-one?
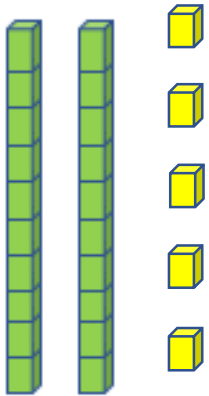
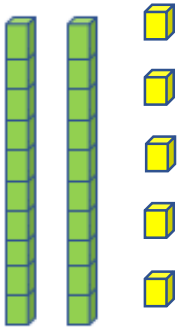twenty-five   fifteen   fifty-one

To order numbers and objects
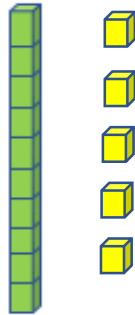
Talking Time:

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

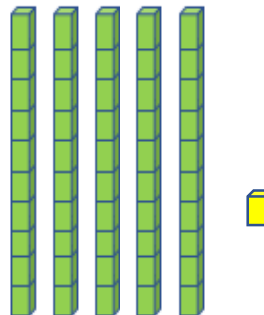Can you put them in order from greatest to smallest?

51

25

15

To order numbers and objects

Talking Time:

Here are some diagrams representing different numbers.
Can you circle the smallest number?
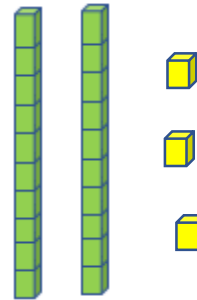Can you circle the greatest number?

Can you complete the number sentence?
20 < **31**

tens	ones
10 10 10	1

31

20