

Ordering Numbers to 100



Aim

- To order numbers to 100.

Success Criteria

- I can use my place value knowledge to find the smallest or the greatest number.
- I can order numbers from smallest to greatest.
- I can order numbers from greatest to smallest.

Remember It!



Can you use the digits below and the symbols $<$ or $>$ to make number sentences?
How many sentences can you make?

--	--	--	--	--

3	4	5	6	7
---	---	---	---	---

$<$	$>$
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Ordering Numbers



Can you order these numbers?

10

35

20

50

How did you order them?

Ordering Numbers



We can order them from greatest to smallest.

50

35

20

10

How do you know?

1	2	3	4	5	6	7	8	9	10
11	12	13	14	15	16	17	18	19	20
21	22	23	24	25	26	27	28	29	30
31	32	33	34	35	36	37	38	39	40
41	42	43	44	45	46	47	48	49	50

Counting backwards

Ordering Numbers



We can order them from smallest to greatest.

10

20

35

50

How do you know?

1	2	3	4	5	6	7	8	9	10
11	12	13	14	15	16	17	18	19	20
21	22	23	24	25	26	27	28	29	30
31	32	33	34	35	36	37	38	39	40
41	42	43	44	45	46	47	48	49	50

Counting forwards

Ordering Numbers



Is there another way that we can check our answers?

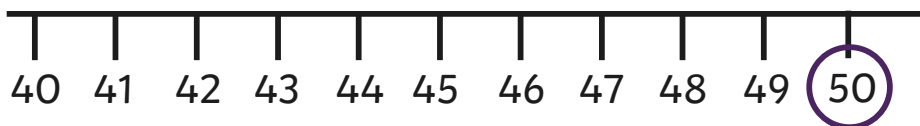
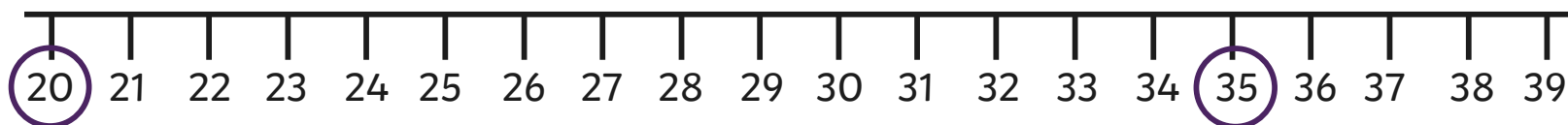
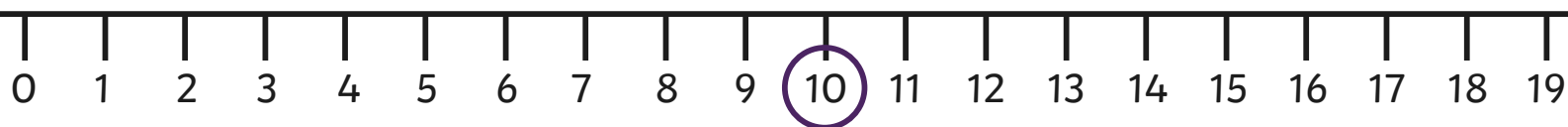
Let's check on a number line.

10

20

35

50



Ordering Numbers



Is there another way that we can check our answers?

Place value!

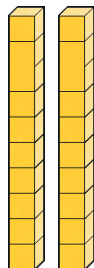
Smallest to Greatest



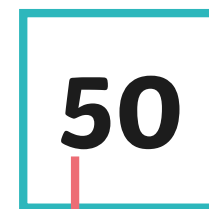
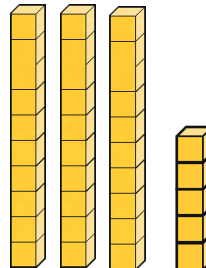
↓
one ten



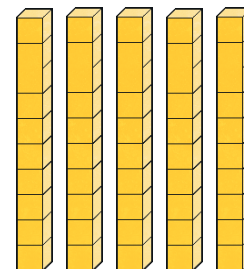
↓
two tens



↓
three tens



↓
five tens



Ordering Numbers

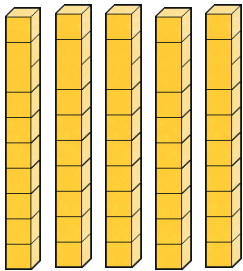


Greatest to Smallest

50



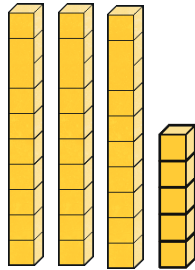
five tens



35



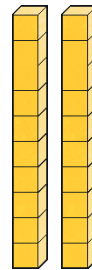
three tens



20



two tens



10



one ten



Ordering Numbers



Can we use place value to order these numbers?

Smallest to Greatest

38

26

22

34

29

What's different about these numbers?

Some of the numbers have the same tens digit.

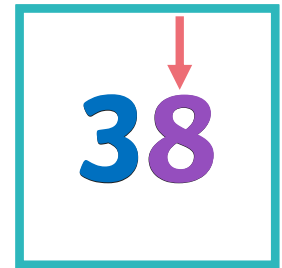
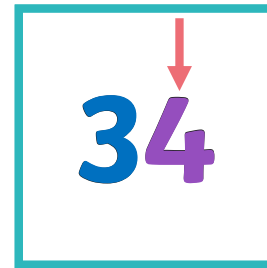
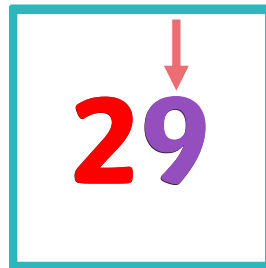
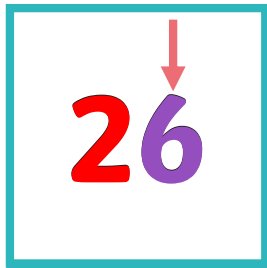
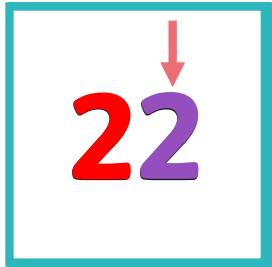
Ordering Numbers



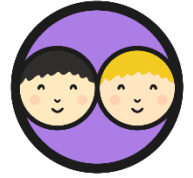
First, look at the tens digits.

Then, look at the ones digits.

Smallest to Greatest



Ordering Practice



Can you order these numbers from smallest to greatest?

How do you know?

19

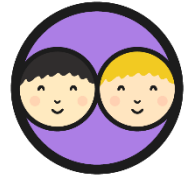
29

30

32

38

Ordering Practice



Can you order the following numbers from greatest to smallest?

Prove it!

91



nine tens

80



eight tens

72



seven tens

61



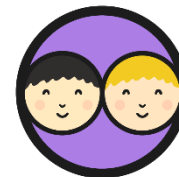
six tens

51



five tens

Order It!



Choose five cards at random. Order them from smallest to greatest, then order them from greatest to smallest.

Ordering Numbers

← Smallest to Greatest →

--	--	--	--	--

← Greatest to Smallest →

--	--	--	--	--

0	1	2
3	4	5
6	7	8
9	10	11
12	13	14

Challenge Time



Percy says he has ordered these numbers smallest to greatest.
Is he correct? How do you know?

41

45

69

66

67

Challenge Time



Percy has ordered these numbers greatest to smallest.

He says there are 12 possible numbers that could go in the empty box.
Is Percy correct? Prove it!

98

86

57

55

Aim



- To order numbers to 100.

Success Criteria

- I can use my place value knowledge to find the smallest or the greatest number.
- I can order numbers from smallest to greatest.
- I can order numbers from greatest to smallest.

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