

# Digits

A digit is a single number

There are 10 digits: 0, 1, 2, 3, 4, 5, 6, 7, 8 and 9

Every other number is made from combining these digits

## 1 digit numbers

0

1

2

3

4

5

6

7

8

9

# Digits

Can you think of some  
2 digit numbers?

13  
26  
34  
57  
89

All the numbers  
from 10 to 100

Can you think of some  
3 digit numbers?

467  
312  
897  
692  
158

All the numbers  
from 100 to 1,000

Can you think of some  
4 digit numbers?

1,256  
7,893  
4,674  
9,032  
5,810

All the numbers from  
1,000 to 10,000

# Place Value

Value means what something is worth

The place of a digit decides its value

What is the value of the blue digits in each number?

1

4

8

10

46

81

100

439

868

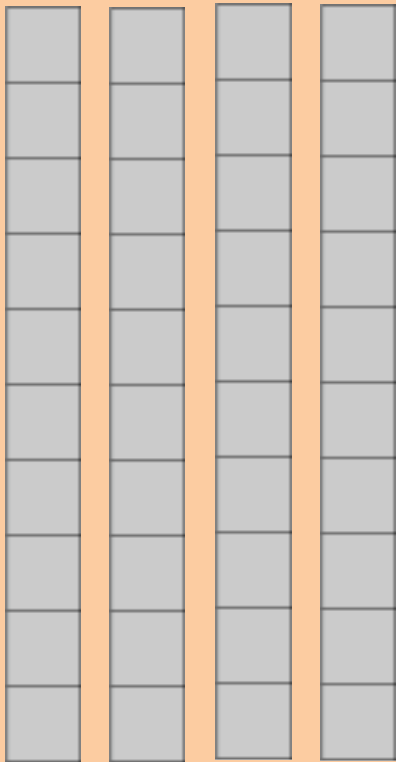
1,000

4,672

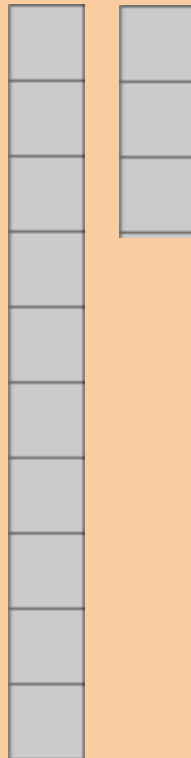
8,295

# 2-digit numbers

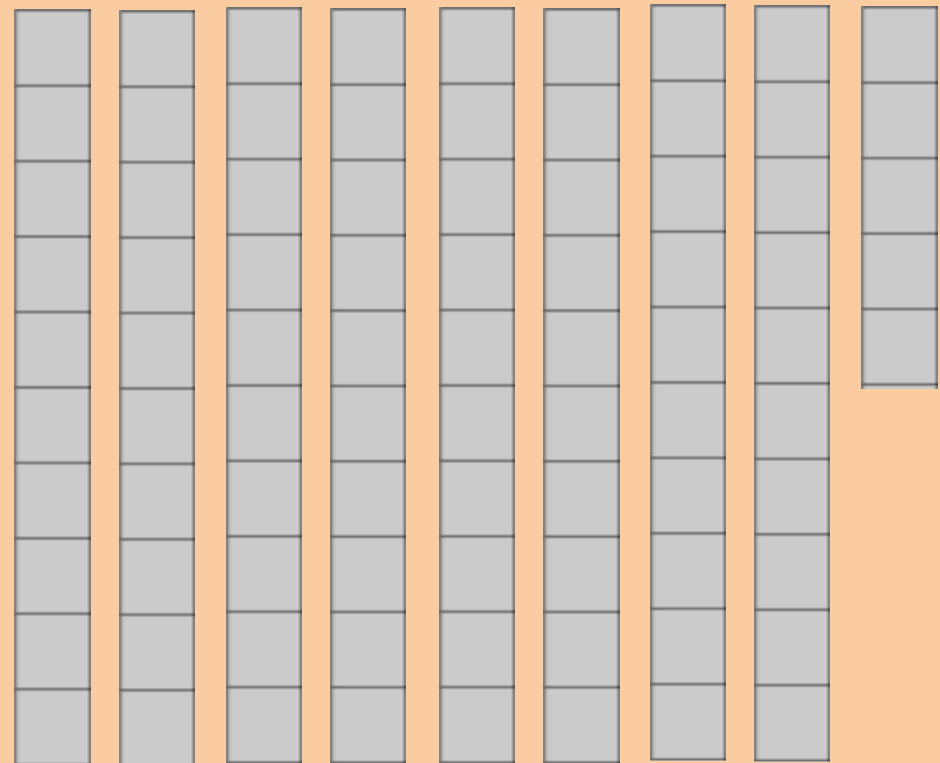
40



13



85



So when we order 2-digit numbers we need to look at the tens first

# Ordering 2-digit numbers

Order these 2-digit numbers from lowest to highest

Remember, look at the tens first

75    32    61    93

32, 61, 75, 93

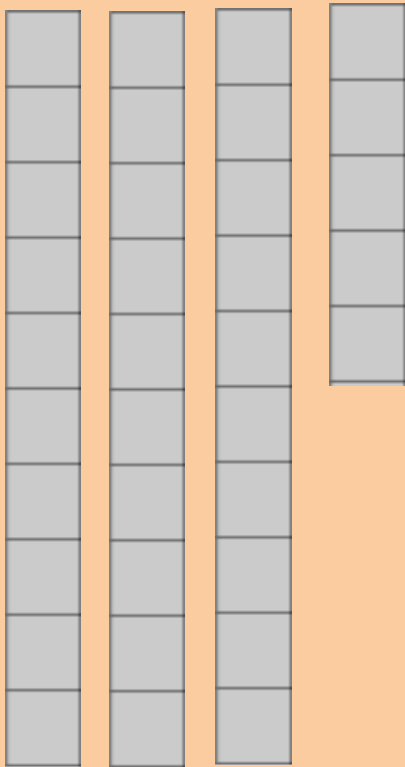
56    12    84    29

12, 29, 56, 84

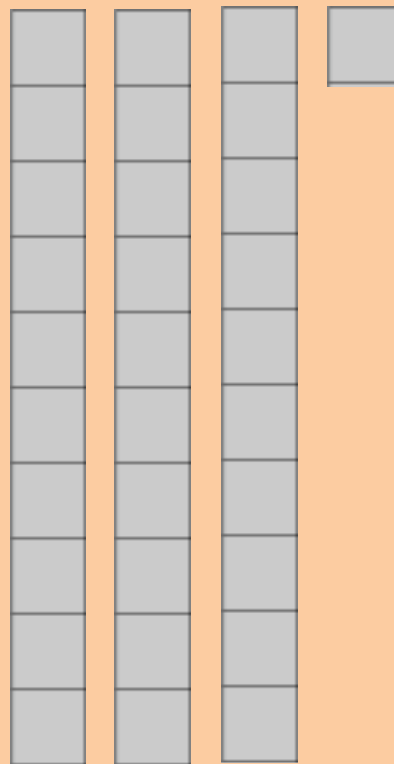
# 2-digit numbers

but what about when the **tens** are the same?

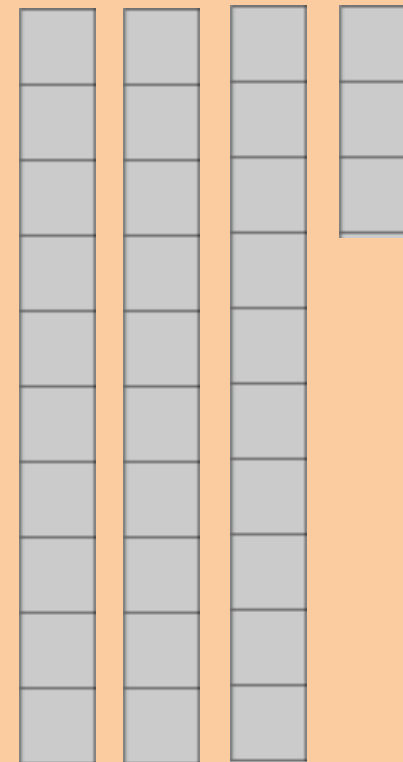
35



31



33



If the **tens** are the same, we then need to look at the units

# Ordering 2-digit numbers

Order these 2-digit numbers from lowest to highest

Remember, look at the tens first and then the units

75 72 71 79

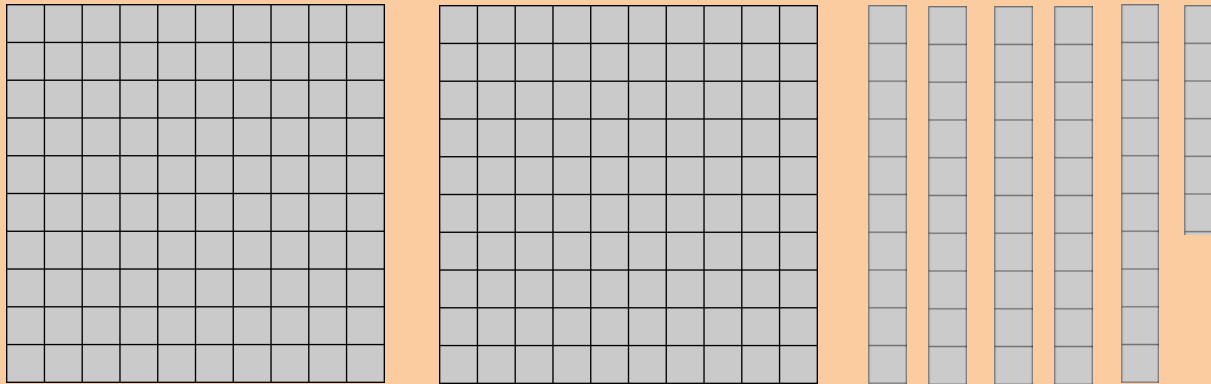
71, 72, 75, 79

56 52 54 58

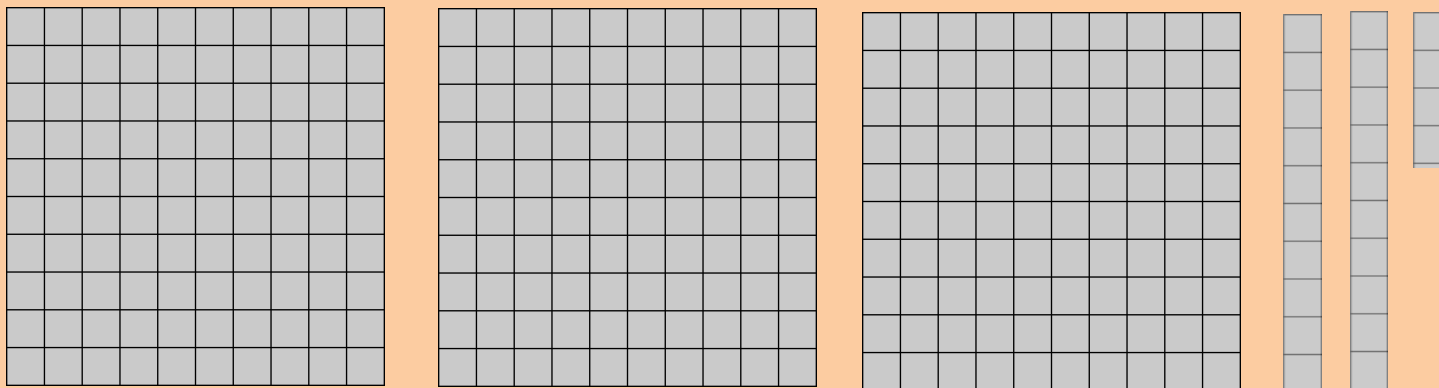
52, 54, 56, 58

# 3-digit numbers

256



324



When we order 3-digit numbers we need to look at the hundreds first



# Ordering 3-digit numbers

Order these 3-digit numbers from lowest to highest

Remember, look at the hundreds first

650      910      126      341

126, 341, 650, 910

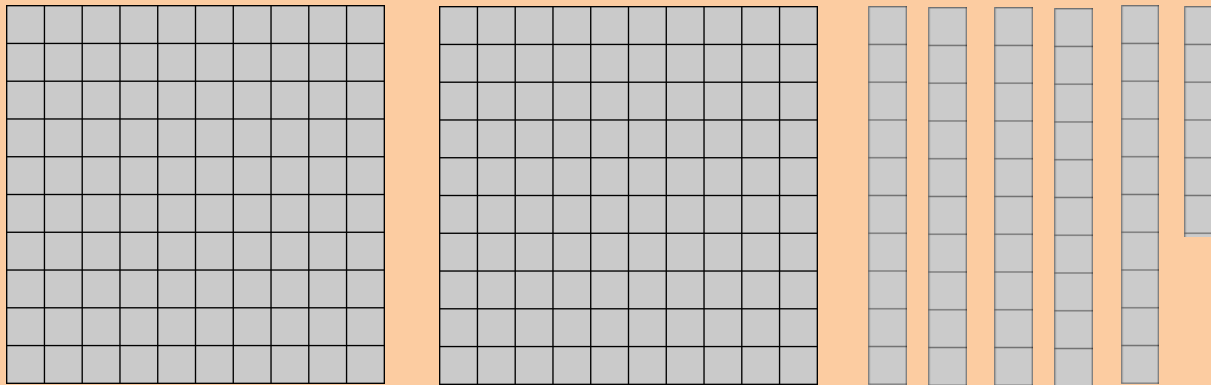
783      812      243      587

243, 587, 783, 812

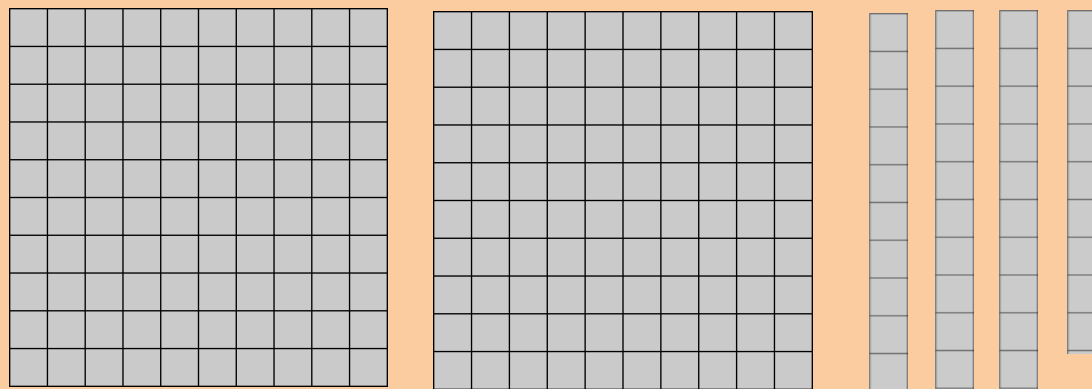
# 3-digit numbers

but what about when the **hundreds** are the same?

256



239



If the **hundreds** are the same, we then need to look at the **tens**

# Ordering 3-digit numbers

Order these 3-digit numbers from lowest to highest

Remember, look at the hundreds first, then the tens, then the units

240      860      561      567

240, 561, 567, 860

611      674      616      661

611, 616, 661, 674

# Ordering 4-digit numbers

Order these 4-digit numbers from lowest to highest

Remember, look at the thousands first, then the hundreds, then the tens, then the units

4,652      6,210      4,299      4,658

4,299, 4,652, 4,658, 6,210

7,542      7,127      7,569      7,544

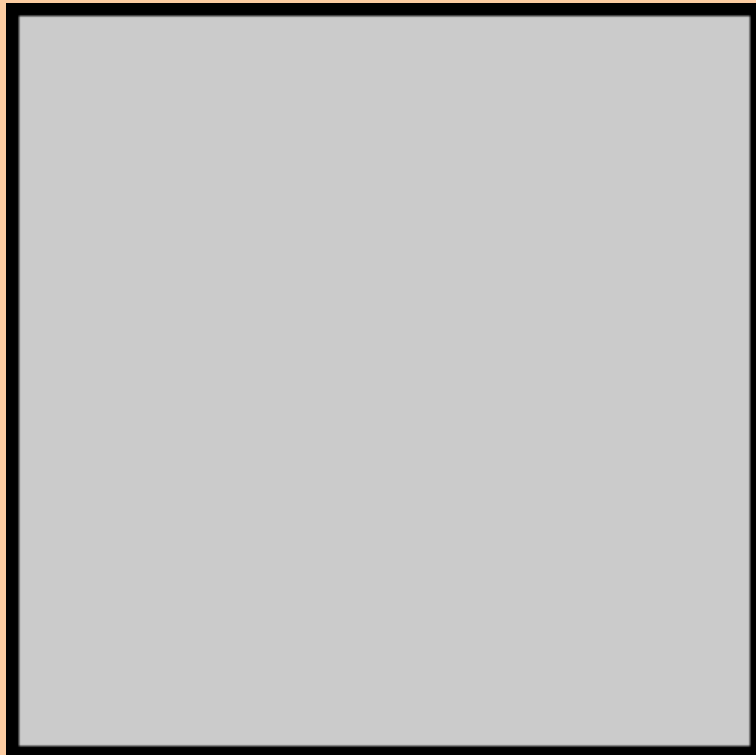
7,127, 7,542, 7,544, 7,569

# Tenths

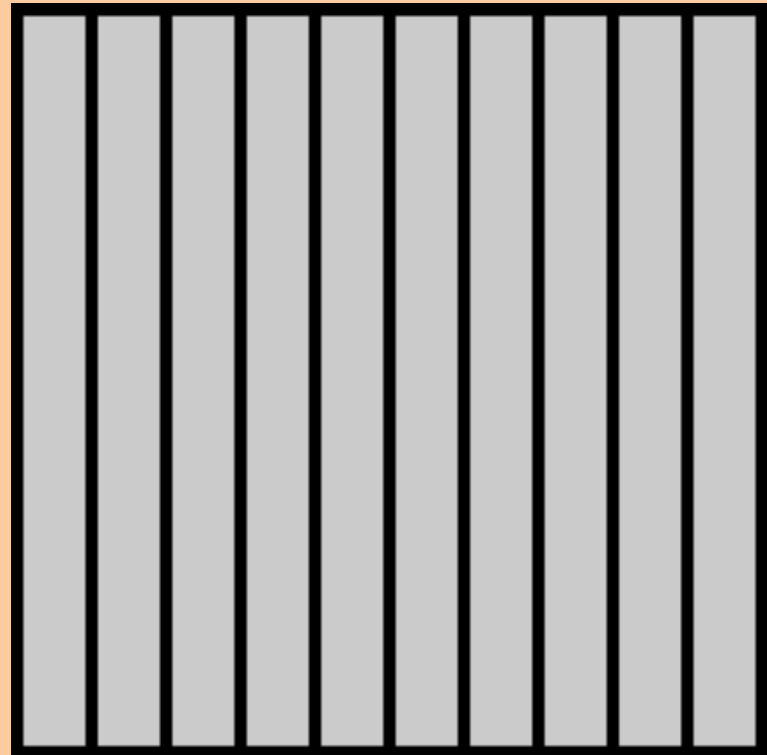
Units can be split in to tenths

10 tenths make 1 unit

Units



tenths

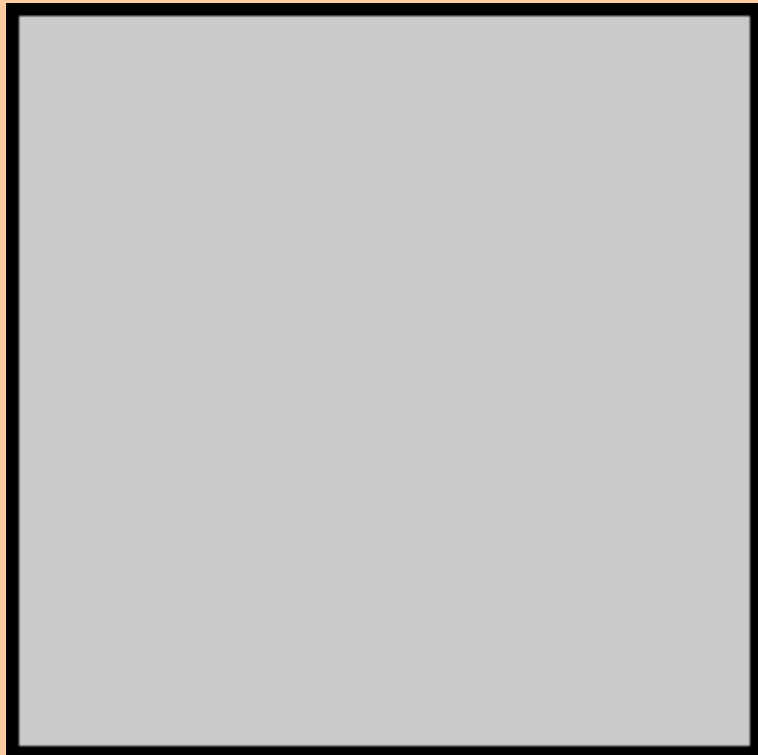


# Hundredths

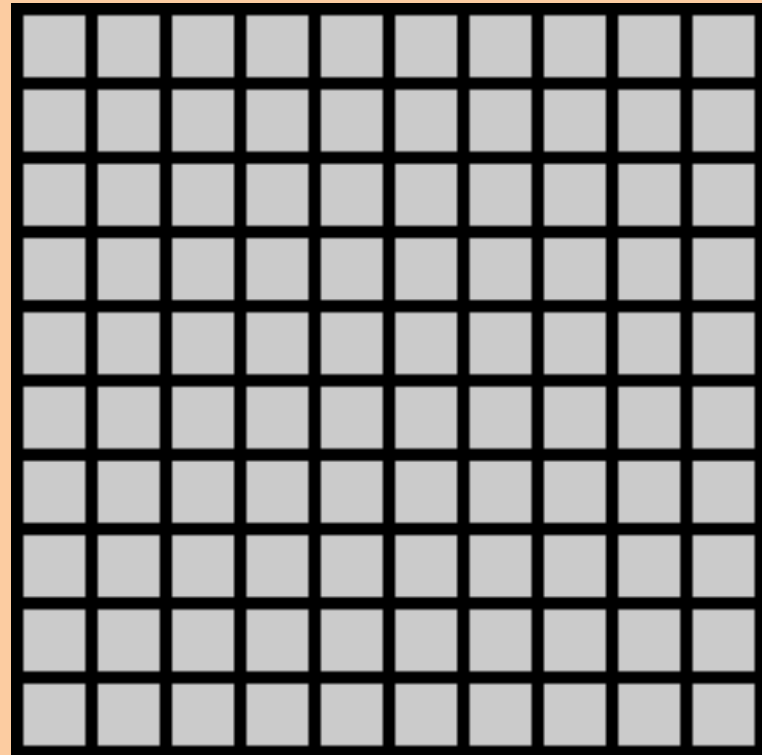
Units can also be split in to hundredths

100 hundredths make 1 unit

Units



hundredths



# Numbers with decimal places

Numbers with decimal follows the same rules

The further to the left a number is, the more it is worth

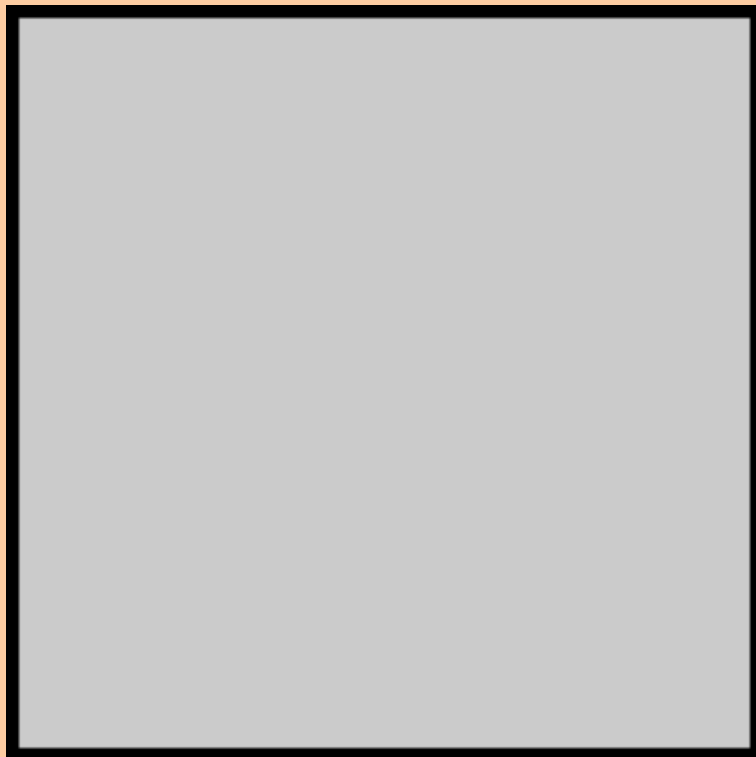
U

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# Place Value

Value means what something is worth

The place of a digit decides its value

What is the value of the blue digits in each number?

1

4

9

0.1

0.4

0.9

0.01

0.04

0.09

0.001

0.004

0.009



# Zeros after the last digit

In numbers with decimal places, zeros after the last number do not change the value of the number

The numbers in the same colours below have the same value as each other, despite the extra zeros on the end

8

8.0

2

2.00

5.1

5.10

7.35

7.350000

# Ordering numbers with decimal places

Order these numbers from lowest to highest

Remember, look at the units first, then the tenths, then the hundredths, then the thousandths

5.4      7      5.8      5.43

5.4, 5.43, 5.8, 7

6.45      6.4      6.423      6.5

6.4, 6.423, 6.45, 6.5

# Negative numbers

There are number lower than 0

These numbers are called 'negative numbers'

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-4   -3   -2   -1   0   1   2   3   4

# Ordering negative numbers

Order these numbers from lowest to highest

-2      6      -8      4

-8, -2, 4, 6

50      -20      -46      32

-46, -20, 32, 50