



THIRD SPACE
LEARNING

Ready-to-go Lesson Slides

Year 2

Place Value
Lesson 7

Aut1

At Third Space Learning we provide personalised online lessons from specialist maths tutors to support the target groups in your school.

These ready-to-go slides are designed to work alongside our interventions to supplement quality first teaching and raise attainment in maths for all pupils.

To find out more about how you could use our 1-to-1 interventions year-round to boost maths progress in your school then get in touch:

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Boosting maths progress through 1-to-1 conversations...



To compare numbers using comparison vocabulary and symbols

- I can compare numbers to 100 using "greater than", "less than", "most", "least" and "equal to"
- I can use the $<$, $>$ and $=$ symbols to write number sentences
- I can explain and justify my answers using concrete resource

Starter:

I am thinking of 2 numbers.
Both numbers have 2 digits.
Both numbers are < 20 .
The difference between
them is 4.

Can you work out **more than one answer** to Darcey's problem?



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Starter:

I am thinking of 2 numbers.
Both numbers have 2 digits.
Both numbers are < 20 .
The difference between
them is 4.

Can you work out **more than one answer** to Darcey's problem?

There are 6 possible answers.

10 and 14

11 and 15

12 and 16

13 and 17

14 and 18

and 15 and 19



To compare numbers using comparison vocabulary and symbols

Talking Time:

Can you fill in the gaps to make the statements true?

Use **more than**, **less than** or **equal to**.

57 is _____ 75

15 is _____ 51

32 is _____ 23

You could use resources to prove that you are correct.

To compare numbers using comparison vocabulary and symbols

Talking Time:

Can you fill in the gaps to make the statements true?

Use **more than**, **less than** or **equal to**.

57 is less than 75

15 is less than 51

32 is more than 23

You could use resources to prove that you are correct.

To compare numbers using comparison vocabulary and symbols

Talking Time:

Can you fill in the gaps to make the statements true?

Use **more than**, **less than** or **equal to**.

68 is _____ $60 + 8$

91 is _____ $80 + 9$

14 is _____ $30 + 11$

You could use resources to prove that you are correct.

To compare numbers using comparison vocabulary and symbols

Talking Time:

Can you fill in the gaps to make the statements true?

Use **more than**, **less than** or **equal to**.

68 is equal to $60 + 8$

91 is more than $80 + 9$

14 is less than $30 + 11$

You could use resources to prove that you are correct.

To compare numbers using comparison vocabulary and symbols

Activity 1:

Do you agree with Riley?
Why? Why not?

Can you explain how you know? **Can you prove this with resources?**

32 must be greater than
 $18 + 14$ because 1 ten +
1 ten is only 2 tens.



To compare numbers using comparison vocabulary and symbols

Activity 1:

Do you agree with Riley?
Why? Why not?

Can you explain how you know?

32 must be greater than
 $18 + 14$ because 1 ten +
1 ten is only 2 tens.



Riley is not correct.

32 is equal to $18 + 14$.

Riley needs to remember that 8 ones + 4 ones will give him 1 ten + 2 ones.

To compare numbers using comparison vocabulary and symbols

Talking Time:

Can you choose the right numbers to make these correct?

50

5

5 tens =

50

51

3 tens and 8 ones =

38

83

38

48

71 17

81

7 tens and 11 ones =

81

To compare numbers using comparison vocabulary and symbols

Talking Time:

Can you put $<$, $>$ or $=$ in each circle to make these correct?

$<$, $>$ or $=$

$$50 \quad \bigcirc \quad 30 + 15$$

$$50 \quad \bigcirc \quad 30 + 15 + 5$$

$$50 \quad \bigcirc \quad 30 + 15 + 10$$


You could use resources to prove that you are correct.

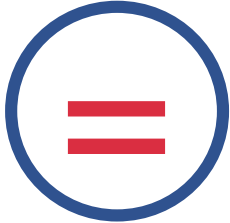
To compare numbers using comparison vocabulary and symbols

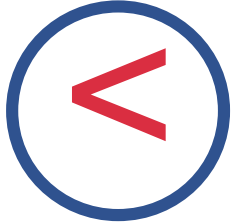
Talking Time:

Can you put $<$, $>$ or $=$ in each circle to make these correct?

$<$, $>$ or $=$

50  $30 + 15$ ⁴⁵

50  $30 + 15 + 5$ ⁵⁰

50  $30 + 15 + 10$ ⁵⁵

You could use resources to prove that you are correct.

To compare numbers using comparison vocabulary and symbols

Activity 3:

How many different numbers could go in the box?
Can you explain your choices?

$$33 < \square < 40$$

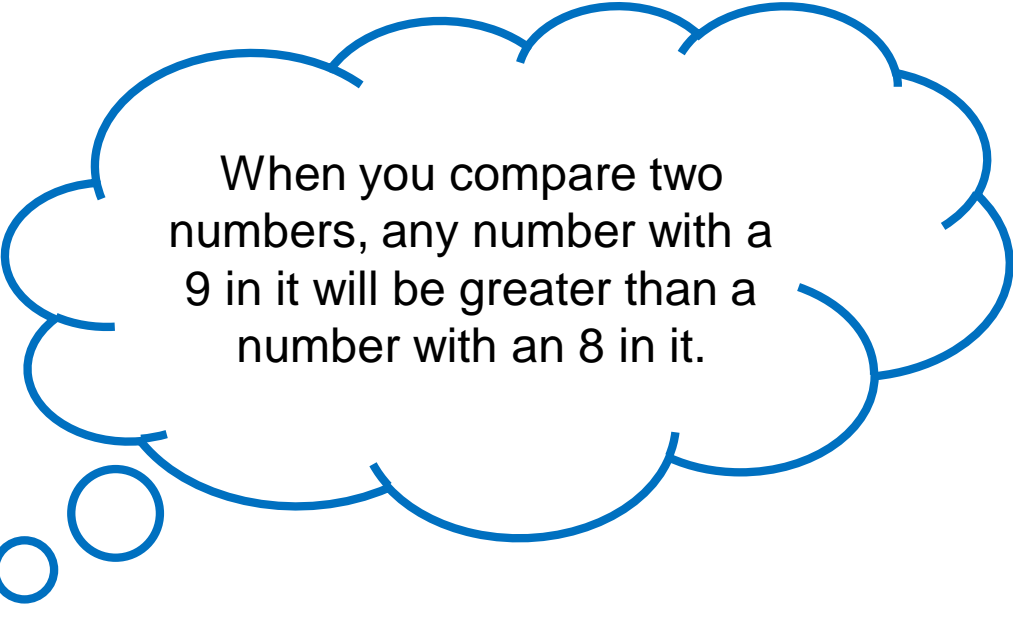
The numbers 34, 35, 36, 37, 38 and 39 could all go in the box.

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Evaluation:

What do you think?



When you compare two numbers, any number with a 9 in it will be greater than a number with an 8 in it.

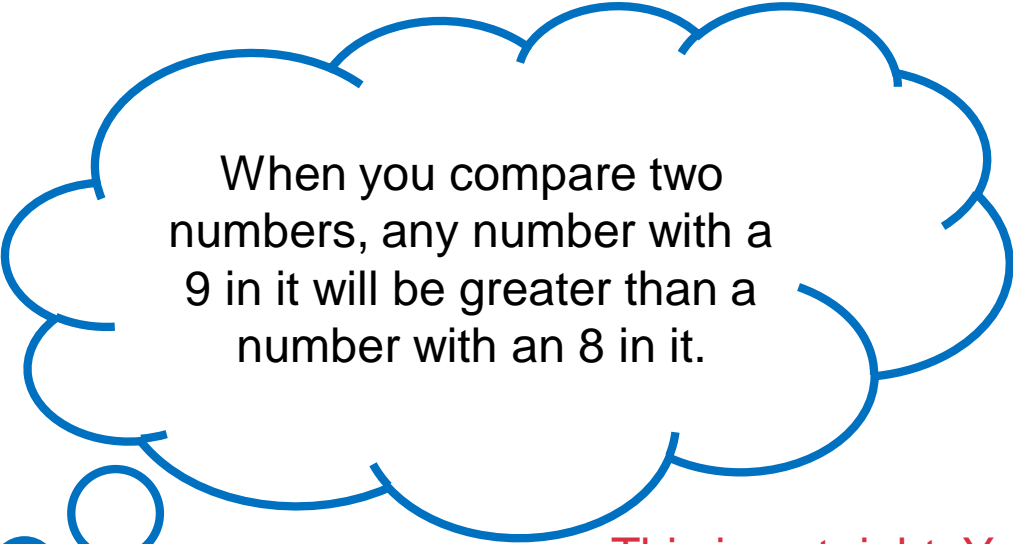
Is that right? Yes or no?
Can you prove it?

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- I can compare numbers to 100 using "greater than", "less than", "most", "least" and "equal to"
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Evaluation:

What do you think?



When you compare two numbers, any number with a 9 in it will be greater than a number with an 8 in it.

Is that right? Yes or no?
Can you prove it?

This is not right. You need to look at both the tens and ones in a number. For example, $29 < 38$ and $89 < 98$.