

## Compare Numbers within 50

### Adult Guidance with Question Prompts



Children use comparative phrases and inequality symbols (< and >), to compare numbers within 50. They create their own number sentences using identified numbers to 50.

Which of the circled numbers have four tens?

Which of the circled numbers have nine ones?

Which of the numbers are more than 30?

Which of the numbers are less than 30?

How do you compare two numbers?

If I swapped the digits around on 14, would the new number be more than or less than 14?

If I swapped the digits around on 32, would the new number be more than or less than 32?

Is 29 more or less than 32? What could you do to make the numbers equal to each other?

## Compare Numbers within 50



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



Fill in the gaps. One has been done.

14	29	32	40	49
is more than	>	is less than	<	
32 is less than 49				
_____ is more than _____				
14 _____ 40				
_____ is less than _____				
49 is _____ than 32				
_____ > _____				
_____ < _____				

## Compare Numbers within 50

### Adult Guidance with Question Prompts



Children use their reasoning skills to identify numbers, interpreting comparative phrases and inequality symbols. They write their own clues for given numbers.

Which of the numbers is more than 30?

Which of the numbers are less than 40?

Which numbers have more than three tens?

Which numbers have less than five ones?

Which number is more than 35 and less than 40?

Which numbers are less than 30 and more than 20?

If 44 was added to the list of numbers, which clues would it fit?

Can you write a clue where all the numbers would fit?

Can you write a clue where none of the numbers would fit?

## Compare Numbers within 50



22	30	17	41
50	29	38	27

Write **all** numbers which fit the clues:

is less than 30	
_____ > 28	
has more than 3 tens	
has 1 ten and 7 ones	
is more than 25, less than 35	
_____ < 30	

Write your own clues to fit some of the numbers:

	41, 30, 38
	22, 29, 27

## Compare Numbers within 50

### Adult Guidance with Question Prompts



Children solve a problem where they compare numbers within 50. They can use number grids to help them work on the problem.

Which of the numbers is more than 30?

Which of the numbers are less than 40?

Which of the numbers have more than three tens and less than seven ones? How do you know?

All the numbers are more than 25. Is this true or false? How do you know?

All of the numbers have less than five tens. Is this true or false? How do you know?

A number with zero ones will always be less than a number with seven ones. Is this true or false? Give two numbers to show how you know.

A number with four tens will always be more than a number with three tens. Is this true or false? Give two numbers to show how you know.

How are you going to start solving the problem?

Is there only one way to solve the problem?

## Compare Numbers within 50



Use all the numbers to make each number sentence correct.

21, 27, 29, 30, 32, 35, 39, 40, 47, 50

Only use each number once!

	is less than	
	>	
	is more than	
	<	
	is less than	

Toni is comparing 2 numbers:



34 is equal to 4 tens and 3 ones.

Why is Toni wrong?