Lesson 6 – One More and One Less

Given a number, identify one more and one

Resources needed: Tens frames Base 10 Worksheet Teaching Slides

Vocabulary: count, numbers 0 - 50, grid, 2-digit numbers, tens, ones, more than, less

Children will be learning to identify one more and one less than given numbers within 50. They may be expected to write numbers within 20 in words. Children will mostly be working practically and recording results.

Key questions:

When counting one more, do you count forwards or backwards? How about when counting one less? Which digit changes when counting one more or one less? Does the tens digit always change? How can you check you are correct?

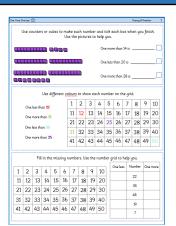
Working Towards



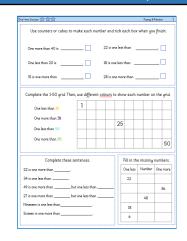
Working Within



Greater Depth



Use counters or cubes to make each number and tick each box when you finish. One more than 10 is ______ One less than 24 is _____ One more than 20 is ______. One less than 20 is _____. One more than 29 is ______ One less than 28 is ______ Use different colours to show each number on the grid. 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 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



Children have base 10 pictures to support their counting. They also have complete grids with the starting number pre-identified for them.

Children have completed number grids to support them. They have a more challenging final question where one less and one more is given but the children have to decipher the original number.

Children have to complete their own number grid to help find one more and one less. They have a more challenging grid to complete and sentences to complete that may require them to write the word for numbers within 20.

Reasonina & Problem Solvina



Children to count candles and identify one less and one more. Then read statements made and work out the number.



Children to count candles and identify one less and one more and write in words.

Then read statements and work out the number. These are less clear so more challenging.



Children to count candles and identify the number needed in the blanks and write it in words. Then read multi-step statements and work out the number.

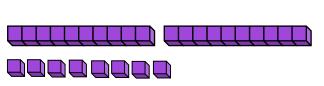
Use counters or cubes to make each number and tick each box when you finish.

Use the pictures to help you.

One more than 14 is ______.

One less than 20 is ______.

	г	
One more than 28 is	L	



Use different colours to show each number on the grid.

One less than 12

One more than 31

One less than 50

One more than 25

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

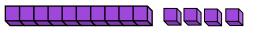
Fill in the missing numbers. Use the number grid to help you.

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

	· -	
One less	Number	One more
	22	
	35	
	48	
	19	
	7	

Use counters or cubes to make each number and tick each box when you finish.

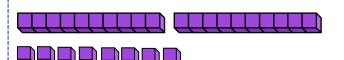
Use the pictures to help you.



One more than 14 is ______15



One less than 20 is $\underline{\hspace{1cm}}$



One more than 28 is ______29



Use different colours to show each number on the grid.

One less than 12

One more than 31

One less than 50

One more than 25

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 missing numbers. Use the number grid to help you.

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

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One less	Number	One more							
21	22	23							
34	35	36							
47	48	49							
18	19	20							
6	7	8							

Use counters or cubes to make each number and tick each box when you finish.

One more than 10 is _____.

One less than 24 is _____.

One more than 20 is _____.

One less than 20 is ______.

One more than 29 is _____.

One less than 28 is

Use different colours to show each number on the grid.

One less than 12

One more than 31

One less than 50

One more than 25

1	2	က	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 missing numbers. Use the number grid to help you.

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

One less	Number	One more
	22	
	35	
	48	
18		20
6		8

Use counters or cubes to make each number and tick each box when you finish.

One more than 10 is _______1

One less than 24 is ______. 🗸

One more than 20 is 21

One less than 20 is _______19___

One more than 29 is _____30 ___.

One less than 28 is $\frac{27}{}$

Use different colours to show each number on the grid.

One less than 12

One more than 31

One less than 50

One more than 25

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 missing numbers. Use the number grid to help you

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

One less	Number	One more
21	22	23
34	35	36
47	48	49
18	19	20
6	7	8

Use counters or co	ubes to make ed	ach number ar	nd tick each bo	x when uou	finish
Obe counters of co	abes to make et	acit italiteci ai	ita tick cacit be	x writert god	j (1 ((3) (.

One more than 40 is _____

22 is one less than ______

One less than 20 is ______

18 is one less than _______

31 is one more than ______

28 is one more than

Complete the 1-50 grid. Then, use different colours to show each number on the grid.

One less than 12

One more than 31

One less than 50

One more than 25

1					
		25			
					50

Complete these sentences.

22 is one more than .

34 is one less than _____.

49 is one more than ______ but one less than _____

27 is one more than ______ but one less than _____

Nineteen is one less than______.

Sixteen is one more than ______.

Fill in the missing numbers.

One less	Number	One more
22		
		36
	48	
18		
6		

Use counters or cubes to make each number and tick each box when you finish.

One more than 40 is 41

22 is one less than $\underline{}$. \checkmark

One less than 20 is 19 .

18 is one less than $\frac{19}{}$.

31 is one more than 30 .

28 is one more than 27

Complete the 1-50 grid. Then, use different colours to show each number on the grid.

One less than 12

One more than 31

One less than 50

One more than 25

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	<mark>32</mark>	33	34	35	36	37	38	39	40
41	42	43	44	45	46	47	48	49	50

Complete these sentences.

22 is one more than _____21____.

34 is one less than $\frac{35}{}$.

49 is one more than $\frac{48}{}$ but one less than $\frac{50}{}$

27 is one more than _____26 __ but one less than ____28 ___.

Nineteen is one less than twenty .

Fill in the missing numbers.

One less	Number	One more		
22	23	24		
34	35	36		
47	48	49		
18	19	20		
6	7	8		

Count the candles on the cakes. Write the number for one less and one more.

One less

Number

One more



One less

Number

One more



Malachi says,



My number is one more than 12.

What is his number?

What is one less than 12?

Tia says,



My number is one less than 28.

What is her number?

What is one more than 28?

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One More, One Less

Reasoning & Problem Solving

Count the candles on the cakes. Write the number for one less and one more.

One less

Number

One more



One less

Number



One more



Malachi says,

My number is one more than 12.

What is his number?

What is one less than 12?

Tia says,

My number is one less than 28.

What is her number?

Count the candles on the cakes. Write the number for one less and one more.

One less

Number

One more



One less

Number

One more

11



13

Malachi says,



My number is one more than 12.

What is his number?

What is one less than 12?

Tia says,



My number is one less than 28.

What is her number?

What is one more than 28?

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One More, One Less

Reasoning & Problem Solving

Count the candles on the cakes. Write the number for one less and one more.

One less

Number

One more



One less

Number

One more

11



13

Malachi says,



My number is one more than 12.

What is his number?

What is one less than 12?

Tia says,



My number is one less than 28.

What is her number?

Count the candles on the cakes. Write the numbers in words for one less and one more.

One less

Number

One more



One less

Number

One more



Malachi says,



12 is one less than my number.

What is his number?

What is one less than 12?

Tia says,



28 is one more than my number.

What is her number?

What is one more than 28?

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One More, One Less



Reasoning & Problem Solving

One less

Number

Count the candles on the cakes.

Write the numbers in words for one less and one more.

One more



One less

Number

One more



Malachi says,



12 is one less than my number.

What is his number?

What is one less than 12?

Tia says,



28 is one more than my number.

What is her number?

Count the candles on the cakes. Write the numbers in words for one less and one more.

One less

Number

One more

three



five

One less

Number

One more

eleven



thirteen

Malachi says,



12 is one less than my number.

What is his number?

What is one less than 12?

Tia says,



28 is one more than my number.

What is her number?

What is one more than 28?

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One More, One Less



Reasoning & Problem Solving

Write the numbers in words for one less and one more.

One less

Number

Count the candles on the cakes.

One more

three



five

One less

Number

One more

eleven



thirteen

Malachi says,



12 is one less than my number.

What is his number?

What is one less than 12?

Tia says,



28 is one more than my number.

What is her number?

Count the candles on the cakes. Fill in the empty spaces, writing the correct numbers in words.

One less

Number

One more



One less

Number

One more



Malachi says,



My number has three tens. One more than my number would make the tens digit change.

What is his number?

What is one more than his number?

Tia says,



My number has two tens. One less than my number would make the tens digit change.

What is her number?

What is one less than her number?

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One More, One Less



Reasoning & Problem Solving

Count the candles on the cakes. Fill in the empty spaces, writing the correct numbers in words.

One less

Number

One more



One less

Number

One more



Malachi says,



My number has three tens. One more than my number would make the tens digit change.

What is his number?

What is one more than his number?

Tia says,



My number has two tens. One less than my number would make the tens digit change.

What is her number?

What is one less than her number?

Count the candles on the cakes. Fill in the empty spaces, writing the correct numbers in words.

One less

Number

One more



five

six

One less

Number

One more

ten

eleven



Malachi says,



My number has three tens. One more than my number would make the tens digit change.

What is his number?

What is one more than his number?

Tia says,



My number has two tens. One less than my number would make the tens digit change.

What is her number?

What is one less than her number?

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One More, One Less



Reasoning & Problem Solving

Count the candles on the cakes. Fill in the empty spaces, writing the correct numbers in words.

One less

Number

One more



five

six

One less

Number

One more

ten

eleven



Malachi says,



My number has three tens. One more than my number would make the tens digit change.

What is his number?

What is one more than his number?

Tia says,



My number has two tens. One less than my number would make the tens digit change.

What is her number?

What is one less than her number?