

★ Place Value to 50 – Numbers to 50

Children now count forwards and backwards within 50.
They use number tracks if needed to support them in counting.

On this sheet, they have numbers from 20-50 displayed for them to support their counting. They can tick or draw a smiley face to indicate if they can count the given numbers.

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★★ Place Value to 50 – Numbers to 50

Children now count forwards and backwards within 50.
They use number tracks if needed to support them in counting.

On this sheet, they do not have a number track but can use one to support them. They can tick or draw a smiley face to indicate if they can count the given numbers.

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★★★ Place Value to 50 – Numbers to 50

On this sheet, children have a secure understanding of counting to 50, they count the items and work out how many steps backwards or forwards it will take to reach a given number.

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Reasoning & Problem Solving

Place Value to 50 – Numbers to 50

Children continue working on their understanding of numbers with a reasoning task.

They can show their understanding by writing the numbers in their books, or verbally explaining their answers.

1. Zach is counting from 31 to 48.
Will he say the number 30? Yes/No
Will he say the number 46? Yes/No
Will he say the number 50? Yes/No
Will he say the number 40? Yes/No
Will he say the number 42? Yes/No

2. Leanna and Rosie are counting.
11 12 31 14 16 17
33, 32, 31, 30, 31, 32
Spot and explain their mistakes.

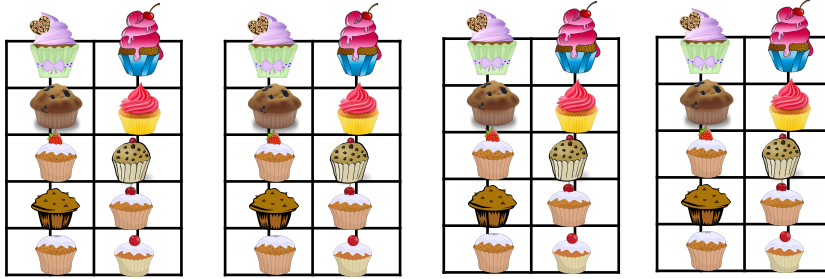
20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35
36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	

Count **forwards** from 25 to 39.

Count **backwards** from 47 to 22.

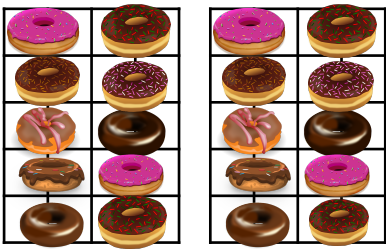
Count **backwards** from 42 to 30.

Count **backwards** from 50 to 37.



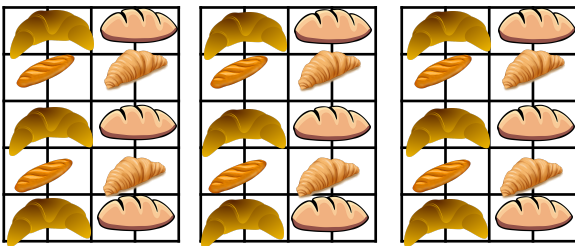
There are _____ cupcakes.

40	41	42	43	44	45	46	47	48	49	50
----	----	----	----	----	----	----	----	----	----	----

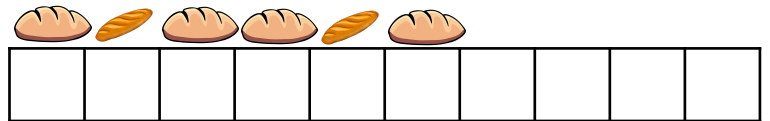


There are _____ doughnuts.

20	21	22	23	24	25	26	27	28	29	30
----	----	----	----	----	----	----	----	----	----	----



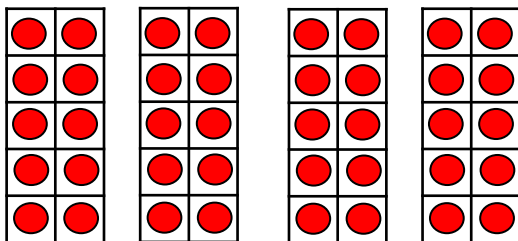
There are _____ baked goods.



10

20

30



There are _____ counters.



10

20

30

40

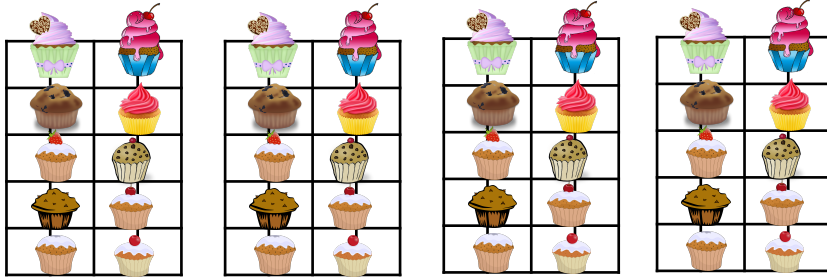
20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35
36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	

Count **forwards** from 25 to 39.

Count **backwards** from 47 to 22.

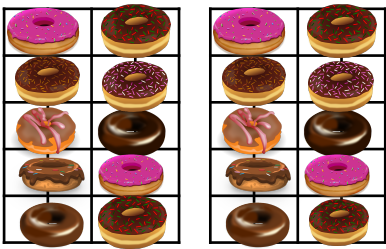
Count **backwards** from 42 to 30.

Count **backwards** from 50 to 37.



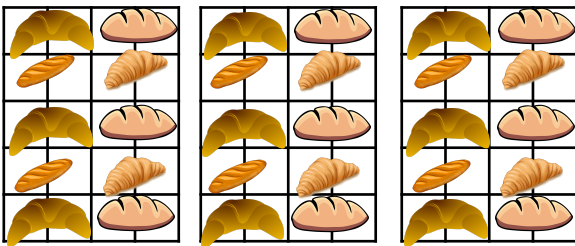
There are 44 cupcakes.

40	41	42	43	44	45	46	47	48	49	50
----	----	----	----	----	----	----	----	----	----	----



There are 28 doughnuts.

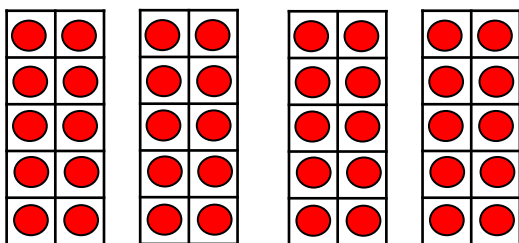
20	21	22	23	24	25	26	27	28	29	30
----	----	----	----	----	----	----	----	----	----	----



There are 36 baked goods.



31	32	33	34	35	36				
----	----	----	----	----	----	--	--	--	--



There are 48 counters.



10 20 30 40



Use a number line if needed.

Count forwards from 32 to 48.

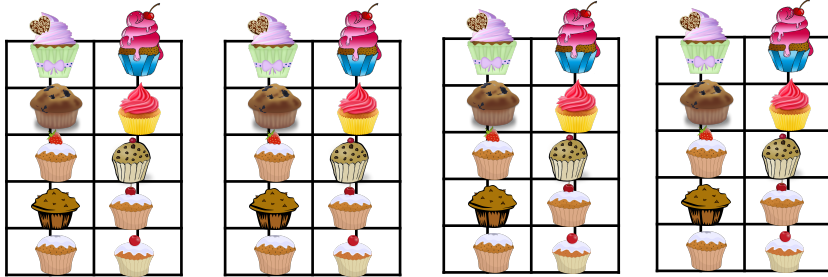
Count forwards from 37 to 50.

Count backwards from 42 to 30.

Count backwards from 50 to 37.

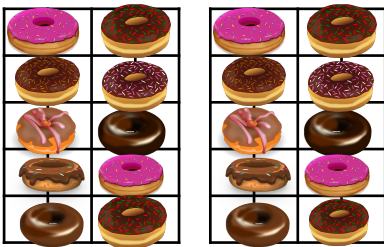
Count forwards from 25 to 39.

Count backwards from 47 to 22.



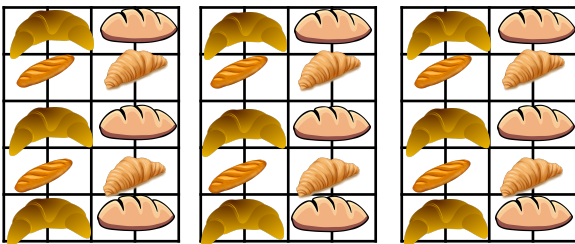
There are _____ cupcakes.

40	41	42	43	44	45	46	47	48	49	50
----	----	----	----	----	----	----	----	----	----	----



There are _____ doughnuts.

20	21	22	23	24	25	26	27	28	29	30
----	----	----	----	----	----	----	----	----	----	----



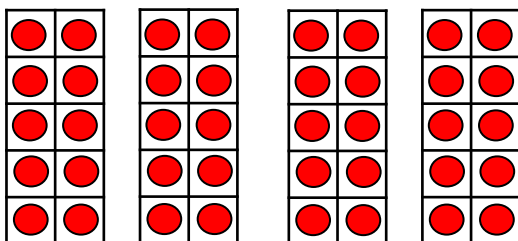
There are _____ baked goods.

--	--	--	--	--	--	--	--	--	--	--

10

20

30



There are _____ counters.





Use a number line if needed.

Count forwards from 32 to 48.

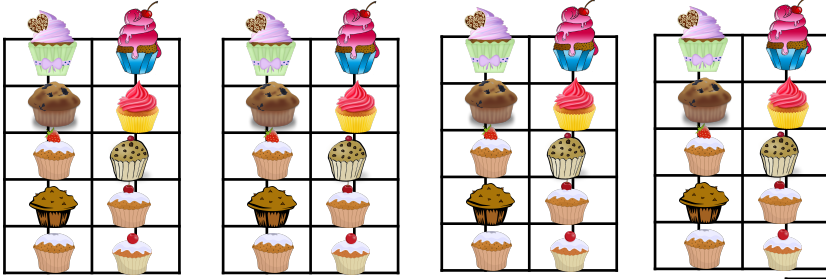
Count forwards from 37 to 50.

Count backwards from 42 to 30.

Count backwards from 50 to 37.

Count forwards from 25 to 39.

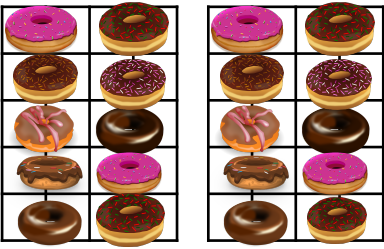
Count backwards from 47 to 22.



There are 46 cupcakes.



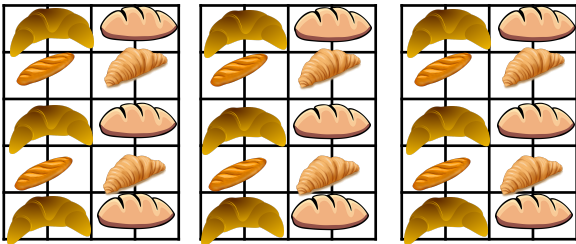
40	41	42	43	44	45	46	47	48	49	50
----	----	----	----	----	----	----	----	----	----	----



There are 27 doughnuts.



20	21	22	23	24	25	26	27	28	29	30
----	----	----	----	----	----	----	----	----	----	----



There are 37 baked goods.

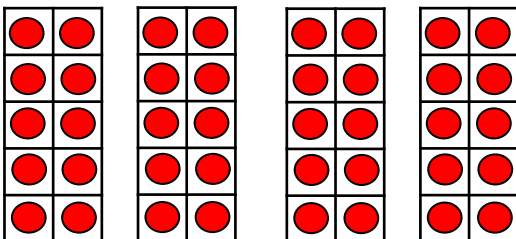


31	32	33	34	35	36	37			
----	----	----	----	----	----	----	--	--	--

10

20

30



There are 49 counters.

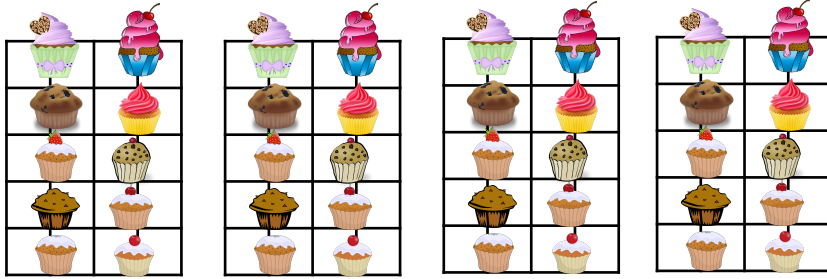




I count 8 steps forward from 26. I stop at _____.

I count 12 steps backwards from 42. I stop at _____.

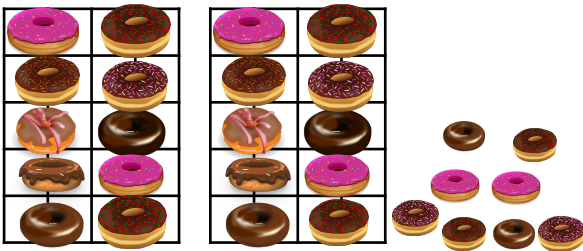
I count 13 steps forward from 36. I stop at _____.



There are _____ cupcakes.

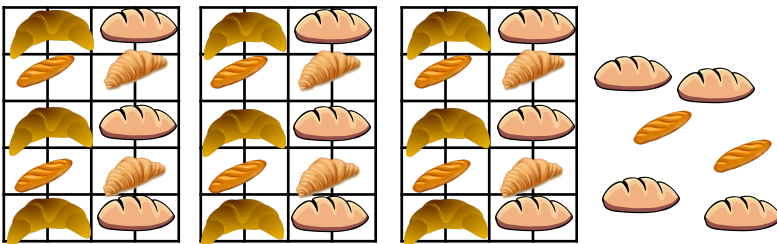


It takes _____ steps backwards to reach 19.



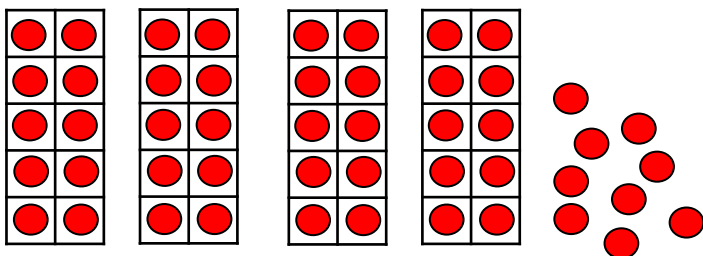
There are _____ doughnuts.

It takes _____ steps forwards to reach 46.



There are _____ baked goods.

It takes _____ steps forwards to reach 50.



There are _____ counters.

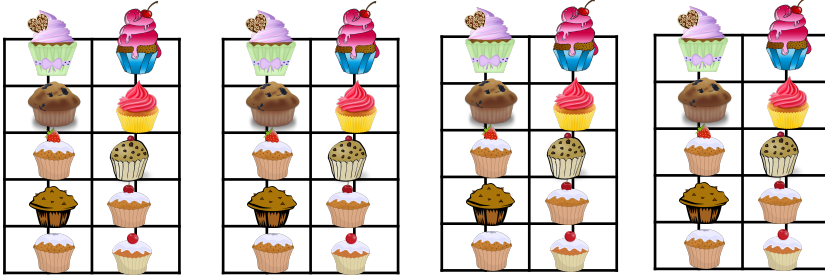
It takes _____ steps backwards to reach 32.



I count 8 steps forward from 26. I stop at 34.

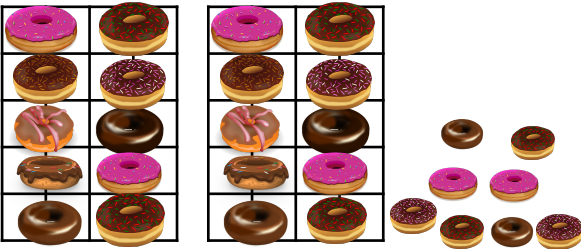
I count 12 steps backwards from 42. I stop at 30.

I count 13 steps forward from 36. I stop at 49.



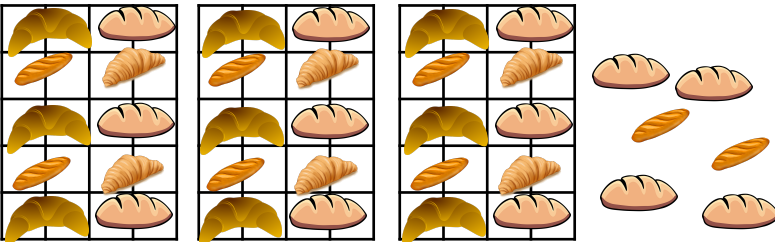
There are 46 cupcakes.

It takes 27 steps backwards to reach 19.



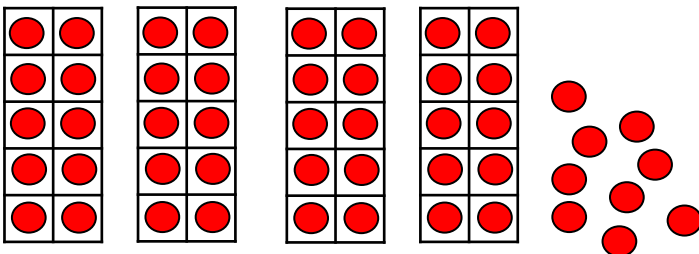
There are 28 doughnuts.

It takes 18 steps forwards to reach 46.



There are 36 baked goods.

It takes 14 steps forwards to reach 50.



There are 49 counters.

It takes 17 steps backwards to reach 32.

1. Zach is counting from 31 to 48.

Will he say the number 30? Yes/No

Will he say the number 46? Yes/No

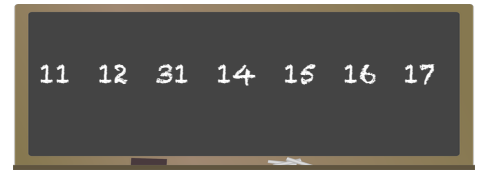
Will he say the number 50? Yes/No

Will he say the number 40? Yes/No

Will he say the number 42? Yes/No



2. Leanna and Rosie are counting.



33, 32, 31, 30, 31, 32



Spot and explain their mistakes.

1. Zach is counting from 31 to 48.

Will he say the number 30? Yes/No

Will he say the number 46? Yes/No

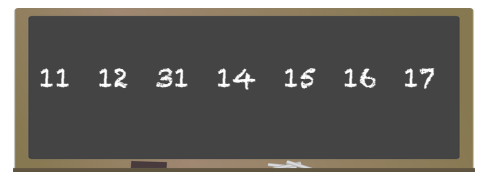
Will he say the number 50? Yes/No

Will he say the number 40? Yes/No

Will he say the number 42? Yes/No



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33, 32, 31, 30, 31, 32



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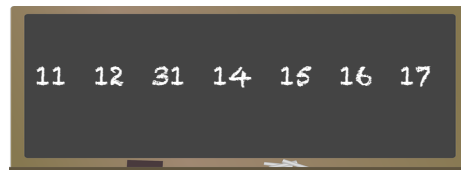
Will he say the number 50? Yes/No

Will he say the number 40? Yes/No

Will he say the number 42? Yes/No



2. Leanna and Rosie are counting.



33, 32, 31, 30, 31, 32



Spot and explain their mistakes.

Leanna counted the number 31 instead of 13. She reversed the numbers. Rosie was counting backwards but then started counting forwards when she reached 30.

1. Zach is counting from 31 to 48.

Will he say the number 30? Yes/No

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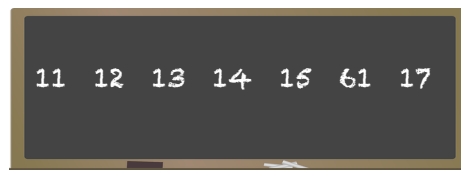
Will he say the number 50? Yes/No

Will he say the number 40? Yes/No

Will he say the number 42? Yes/No



2. Leanna and Rosie are counting.



33, 32, 31, 30, 31, 32



Spot and explain their mistakes.

Leanna counted the number 31 instead of 13. She reversed the numbers. Rosie was counting backwards but then started counting forwards when she reached 30.