Second Grade Place Value

2nd Grade

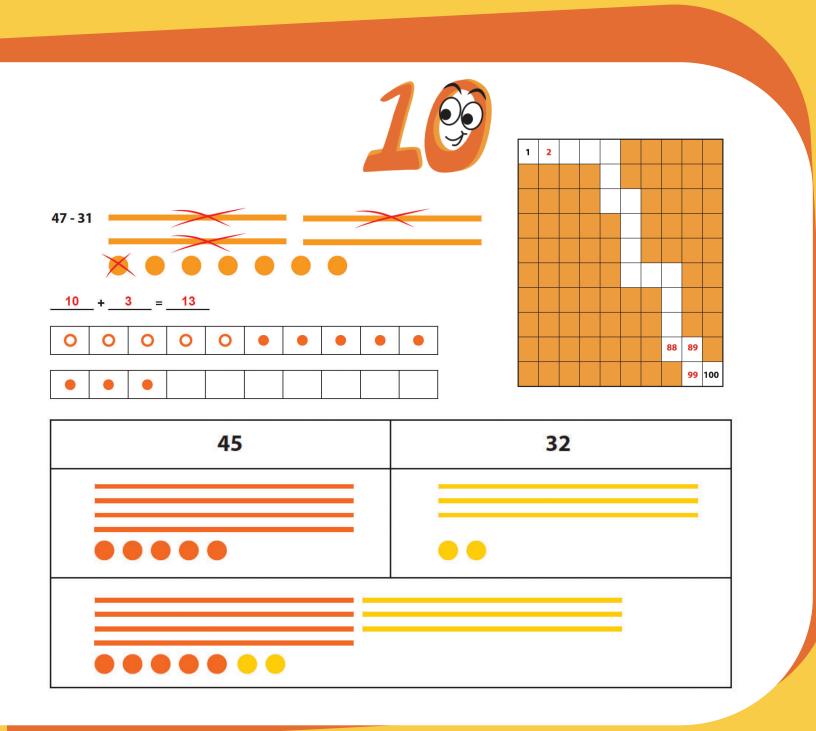


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* Includes Answer Sheet

Add 10 or 1 to Get to 100!

Add 10 or 1 to move through the hundreds chart to get to 100. Fill in the number sentences as you move along! Use the shaded squares to help you count.

1	2				
	12				
					100

____ + ___ = <u>100</u>



Using Base 10 Drawings

Draw a simple picture that can represent the same amount of blocks. Example: Now you try!

More Practice Adding 10s on the 100s Chart

Add 10s by moving straight down the hundreds chart!

Julie made 31 bracelets for the mini-maker faire.

Then she made 20 more.

+10 C

How many bracelets did Julie make altogether?

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
51	52	53	54	55	56	57	58	59	60
61	62	63	64	65	66	67	68	69	70
71	72	73	74	75	76	77	78	79	80
81	82	83	84	85	86	87	88	89	90
91	92	93	94	95	96	97	98	99	100

Now you try!

Stephanie bought 56 beads from the bead store.

She bought 30 more beads from the art store.

How many beads did she buy altogether?

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
51	52	53	54	55	56	57	58	59	60
61	62	63	64	65	66	67	68	69	70
71	72	73	74	75	76	77	78	79	80
81	82	83	84	85	86	87	88	89	90
91	92	93	94	95	96	97	98	99	100

Adding With the Hundreds Chart

Count up on the hundreds chart to find the answers to each addition problem.

Remember to pay close attention to how many tens you have. Rewrite the problem to show how many tens you have at the end and how many ones were left over.

Example:

$$23 + 8 = 31$$

$$30 + 1 = 31$$
Look! We ended up with 3 tens. We ended up

with 1 left over!

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
51	52	53	54	55	56	57	58	59	60
61	62	63	64	65	66	67	68	69	70
71	72	73	74	75	76	77	78	79	80
81	82	83	84	85	86	87	88	89	90
91	92	93	94	95	96	97	98	99	100

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
51		52	53	54	55	56	57	58	59	60
61	П	62	63	64	65	66	67	68	69	70
71		72	73	74	75	76	77	78	79	80
81		82	83	84	85	86	87	88	89	90
91		92	93	94	95	96	97	98	99	100

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
51	52	53	54	55	56	57	58	59	60
61	62	63	64	65	66	67	68	69	70
71	72	73	74	75	76	77	78	79	80
81	82	83	84	85	86	87	88	89	90
91	92	93	94	95	96	97	98	99	100

Addition with Modified Tens Frames

Use the frames to add the numbers and identify how many you have in the tens and ones place. Then change your number sentence to show the tens plus the ones.

Example:

Paige had 5 flowers. Aminata gave her 8 more. How many did she have in all?



$$5 + 8 = 13$$

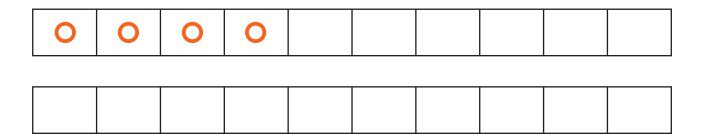
There is ___1 ten and ___3 ones.

0	0	0	0	0			

Now you try!

Brennan had 4 apples. Alex gave her 13 more. How many apples did she have in all?

There is _____ ten and ____ ones.



Addition With Modified Tens Sticks

Use the tens sticks to add the numbers and identify how many you have in the tens and ones place. Then change your number sentence to show the tens plus the ones.

Example:

Paige had 5 flowers. Aminata gave her 8 more. How many did she have in all?



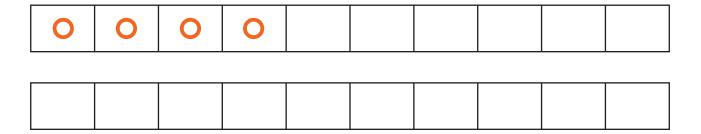
There is ___1 ten and ___3 ones.

0	0	0	0	0			

Now you try!

Brennan had 4 apples. Alex gave her 13 more. How many apples did she have in all?

There is _____ ten and ____ ones.



Add the 10s First!

Add these two-digit numbers together by adding the 10s first! After you add the 10s you can add the 1s to find your final answer.

Example:

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 + 10	47	48	49	50
51	52	53	54	55	56 + 10	57	58	59	60
61	62	63	64	65	66 + 10	67	68 +1	69 +1	70 +1
71 +1	72 +1	73	74	75	76	77	78	79	80
81	82	83	84	85	86	87	88	89	90
91	92	93	94	95	96	97	98	99	100

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
51	52	53	54	55	56	57	58	59	60
61	62	63	64	65	66	67	68	69	70
71	72	73	74	75	76	77	78	79	80
81	82	83	84	85	86	87	88	89	90
91	92	93	94	95	96	97	98	99	100

Break it Up!

Break up the 10s and the 1s and add them separately. Then add the totals from each problem to get your final answer! *Example:*

Kayla saw 21 toy bears and 17 toy horses in the store window. How many toys did Kayla see altogether?

$$21 + 17$$

$$\frac{2}{2}$$
 tens + $\frac{1}{1}$ tens = $\frac{3}{2}$ tens $\frac{1}{1}$ ones + $\frac{7}{2}$ ones = $\frac{8}{2}$ ones $\frac{3}{2}$ tens + $\frac{8}{2}$ ones = $\frac{38}{2}$

Now you try!

Talia saw 56 butterflies and 23 ants in a picture of the rainforest. How many insects did they see altogether?



$$56 + 23$$

Kelly drew 42 circles and 27 squares. How many shapes did she draw altogether?

$$42 + 27$$

Isaias used 56 red legos and 33 white legos to build a fire station. How many legos did he use altogether?

$$56 + 33$$

Break it Up!

Break up the 10s and the 1s and add them separately. Then add the totals from each problem to get your final answer!

Example:

Jayshan found 25 marbles. He gave 13 marbles to his friend Creg. How many marbles did Jayshan have left?

Now you try!

Cooper bought a pack of 47 bouncy balls. He gave 35 away to his friends. How many did he have left?



Sam drew 48 circles. He crossed 28 of them out. How many circles were left?

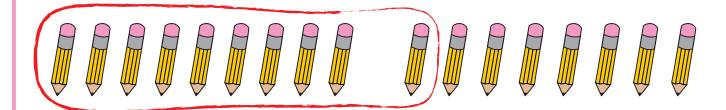
Julia had a bin with 78 legos inside. She used 37 to build a lego house. How many legos were left in the bin?

Circle Ten and Solve

Putting things in groups of ten makes adding easy! Use the pictures to help you solve the addition problems. Then change the problem into a $10 + \underline{\hspace{1cm}} = \underline{\hspace{1cm}}$ problem.

Example:

9 + 8



How many are left after you circle 10? ______7

Now you try!

7 + 6



How many are left after you circle 10? _____

10 + _____ = ____

Counting on the 100s Chart

Color the hundreds chart to count how many!

Example:

Isabel saw 13 birds flying in the sky.



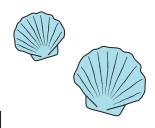
1	2	3	4	5	6	7	8	9	10
11	12	13	14	15	16	17	18	19	20
21	22	23	24	25	26	27	28	29	30
31	32	33	34	35	36	37	38	39	40
41	42	43	44	45	46	47	48	49	50
51	52	53	54	55	56	57	58	59	60
61	62	63	64	65	66	67	68	69	70
71	72	73	74	75	76	77	78	79	80
81	82	83	84	85	86	87	88	89	90
91	92	93	94	95	96	97	98	99	100

There is $\frac{1}{2}$ ten and $\frac{3}{2}$ ones in the number 13.

Now you try!

Ajaya found 24 shells on the beach.

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
51	52	53	54	55	56	57	58	59	60
61	62	63	64	65	66	67	68	69	70
71	72	73	74	75	76	77	78	79	80
81	82	83	84	85	86	87	88	89	90
91	92	93	94	95	96	97	98	99	100





There are _____ tens and ____ ones in the number 24.

Adding 10 and 1 on the Hundreds Chart

Fill in the the shaded boxes with the correct numbers.

Example:

						7	8		
						17			
							28	29	
		33	34				38		
		43			46	47			
51	52				56				
61				65	66				
				75		77	78		
	82	83				87		89	90
	92							99	

	2					
		14				
				37		
	42					
			55			
					68	
81						

More Practice Adding the 10s First!

Add these two-digit numbers together by adding the 10s first! After you add the 10s you can add the 1s to find your final answer!

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
51	52	53	54	55	56	57	58	59	60
61	62	63	64	65	66	67	68	69	70
71	72	73	74	75	76	77	78	79	80
81	82	83	84	85	86	87	88	89	90
91	92	93	94	95	96	97	98	99	100

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
51	52	53	54	55	56	57	58	59	60
61	62	63	64	65	66	67	68	69	70
71	72	73	74	75	76	77	78	79	80
81	82	83	84	85	86	87	88	89	90
91	92	93	94	95	96	97	98	99	100

51 + 37 = _	
-------------	--

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
51	52	53	54	55	56	57	58	59	60
61	62	63	64	65	66	67	68	69	70
71	72	73	74	75	76	77	78	79	80
81	82	83	84	85	86	87	88	89	90
91	92	93	94	95	96	97	98	99	100

Subtract the 10s First!

Subtract these two digit numbers by subtracting the 10s first. After you subtract the 10s you can subtract the 1s to find your final answer.

Example:

1	2	3	4	5	6	7	8 -1	9 -1	10
11-1	12-1	13-1	14-1	15	16	17	18	19	20
21	22	23	24 -10	25	26	27	28	29	30
31	32	33	34 -10	35	36	37	38	39	40
41	42	43	44	45	46	47	48	49	50
51	52	53	54	55	56	57	58	59	60
61	62	63	64	65	66	67	68	69	70
71	72	73	74	75	76	77	78	79	80
81	82	83	84	85	86	87	88	89	90
91	92	93	94	95	96	97	98	99	100

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
51	52	53	54	55	56	57	58	59	60
61	62	63	64	65	66	67	68	69	70
71	72	73	74	75	76	77	78	79	80
81	82	83	84	85	86	87	88	89	90
91	92	93	94	95	96	97	98	99	100

More Practice Subtracting the 10s First!

Subtract these two digit numbers by subtracting the 10s first! After you subtract the 10s you can subtract the 1s to find your final answer.

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
51	52	53	54	55	56	57	58	59	60
61	62	63	64	65	66	67	68	69	70
71	72	73	74	75	76	77	78	79	80
81	82	83	84	85	86	87	88	89	90
91	92	93	94	95	96	97	98	99	100

12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20

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
51	52	53	54	55	56	57	58	59	60
61	62	63	64	65	66	67	68	69	70
71	72	73	74	75	76	77	78	79	80
81	82	83	84	85	86	87	88	89	90
91	92	93	94	95	96	97	98	99	100

59 - 55 = _____

31	32	33	34	35	3
41	42	43	44	45	4

Using Base 10 Drawings In Two-Digit Addition

Draw pictures to help you solve the two-digit addition problems.

Example:

$$45 + 32$$

45	32

Now you try!

62 + 21

62	21

Using Base 10 Drawings in Two-Digit Subtraction

Draw pictures to solve the two-digit subtraction problems. Draw your picture for the first number and then cross off the amount for the second number in the problem.

Example:





Count how many are left!

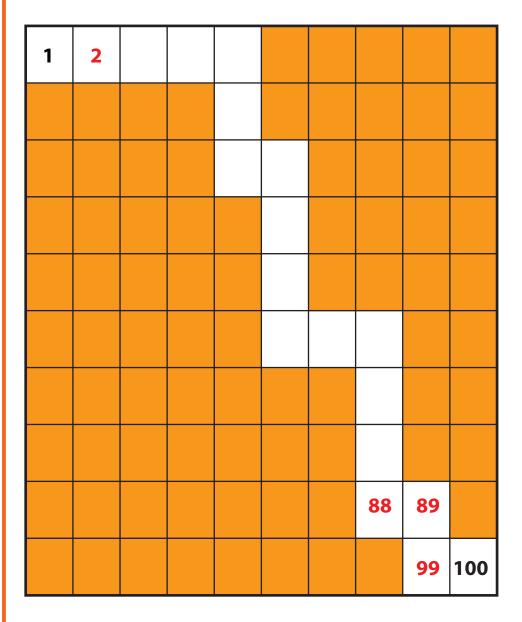
Now you try!

Count how many are left!

Count how many are left!

Subtract 10 or 1 to get to 1!

Subtract 10 or 1 move through the path on the hundreds chart. Fill in the number sentences as you move along! Use the shaded squares to help you count.



2	_	1	=	1
	-		_ = _	
	-		_ = _	
	-		_ = _	
	-		_ = _	
	-		_ = _	
	-		_ = _	
	-		_ = _	
	-		_ = _	
99	-	10	=	89
		1		

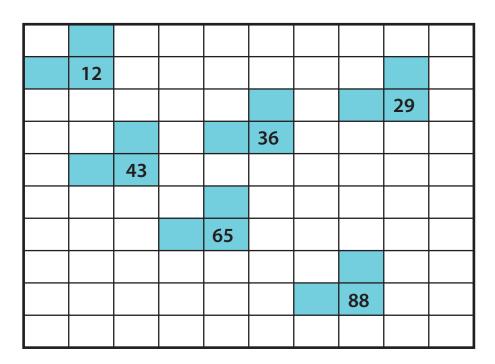


Subtracting 10 and 1 on the Hundreds Chart

Fill in the the shaded boxes with the correct numbers.

Example:

		3							
	12	13							
					26				
	32			35	36				
41	42								
							58		
						67	68		
			74						
		83	84						90
								99	100



Subtracting 10s on the Hundreds Chart

Subtract 10s by moving straight up the hundreds chart!

Example:

Jill made 43 muffins for the bake sale.

She sold $\frac{20}{10}$.

How many muffins did Jill have left?

	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
	51	52	53	54	55	56	57	58	59	60
	61	62	63	64	65	66	67	68	69	70
	71	72	73	74	75	76	77	78	79	80
	81	82	83	84	85	86	87	88	89	90
	91	92	93	94	95	96	97	98	99	100

Now you try!

Jose brought 24 cupcakes to class -10

for his birthday.

The students in his class ate 20 of the cupcakes.

How many cupcakes did he have left?

___ - ___ = ____

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
51	52	53	54	55	56	57	58	59	60
61	62	63	64	65	66	67	68	69	70
71	72	73	74	75	76	77	78	79	80
81	82	83	84	85	86	87	88	89	90
91	92	93	94	95	96	97	98	99	100

More Practice Subtracting 10s on the Hundreds Chart

Subtract 10s by moving straight up the hundreds chart!

Example:

Kim drew 54 hearts on a card for her mom.

She erased 10 hearts to make room for a note.

How many hearts did she have left?

____=___

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
51	52	53	54	55	56	57	58	59	60
61	62	63	64	65	66	67	68	69	70
71	72	73	74	75	76	77	78	79	80
81	82	83	84	85	86	87	88	89	90
91	92	93	94	95	96	97	98	99	100

Now you try!

Zoe picked 59 cherry tomatoes from the garden.

She used 30 of them for a big salad.

How many cherry tomatoes were left?

____ - ___ = ____

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
51	52	53	54	55	56	57	58	59	60
61	62	63	64	65	66	67	68	69	70
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81	82	83	84	85	86	87	88	89	90
91	92	93	94	95	96	97	98	99	100



DIPLOMA

Hereby bestowed upon

for excellence in completion of

Second Grade Place Value

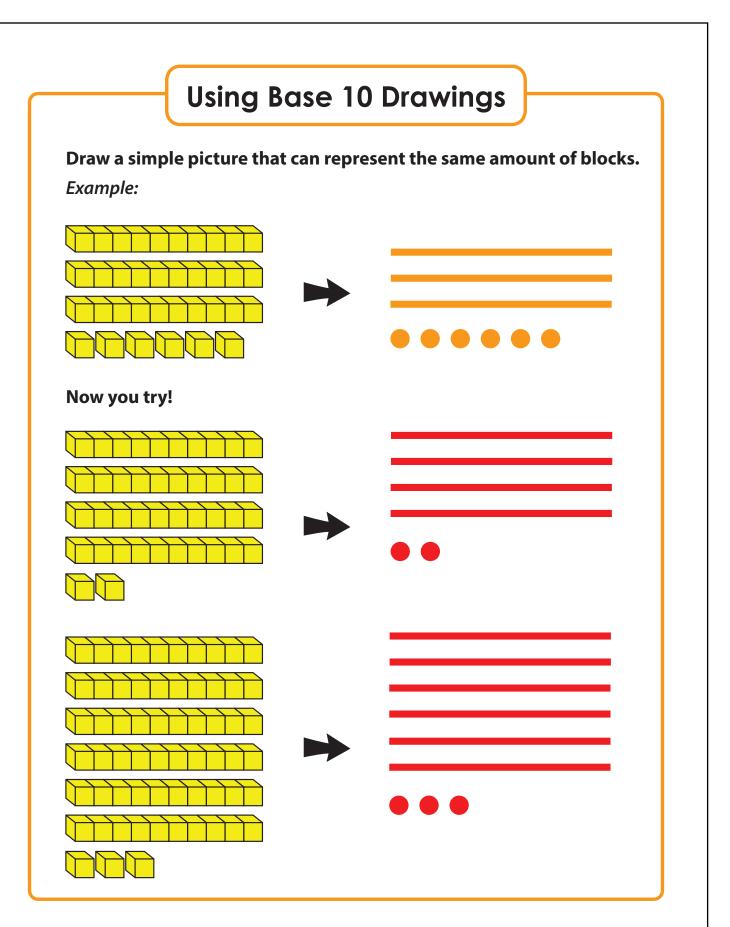
Add 10 or 1 to Get to 100! Introduction to Base 10: Drawings Adding 10s on the Hundreds Chart Part I Adding With the Hundreds Chart Addition With Tens Frames Addition With Tens Sticks Add the 10s First! Part I Break It Up! Part I Break It Up! Part II Circle Ten and Solve Counting on the 100s Chart Part I Counting on the 100s Chart Part II Add the 10s First! Part II Subtract the 10s First! Part I Subtract the 10s First! Part II Using Base 10 Drawings in Two-Digit Addition Part II Using Base 10 Drawings in Two-Digit Subtraction Part II Subtract Ten or One to Get to One! Subtracting 10 and 1 on the Hundreds Chart Subtracting 10s on the Hundreds Chart Part I Subtracting 10s on the Hundreds Chart (Part Two)

Add 10 or 1 to Get to 100!

Add 10 or 1 to move through the hundreds chart to get to 100. Fill in the number sentences as you move along! Use the shaded squares to help you count.

1	2								
	12								
	22	23							
		33							
		43							
		53	54						
			64	65	66	67	68		
							78		
							88	89	90
									100





More Practice Adding 10s on the 100s Chart

Add 10s by moving straight down the hundreds chart!

Julie made 31 bracelets for the mini-maker faire.

Then she made 20 more.

How many bracelets did
Julie make

Now you try!

altogether?

Stephanie bought 56 beads from the bead store.

She bought 30 more beads from the art store.

How many beads did she buy altogether?

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
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11	12	13	14	15	16	17	18	19	20
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31	32	33	34	35	36	37	38	39	40
41	42	43	44	45	46	47	48	49	50
51	52	53	54	55 (56	57	58	59	60
61	62	63	64	65	66	67	68	69	70
71	72	73	74*	9 75	76	77	78	79	80
81	82	83	84*	85	86	87	88	89	90
91	92	93	94	95	96	97	98	99	100

Adding With the Hundreds Chart

Count up on the hundreds chart to find the answers to each addition problem.

Remember to pay close attention to how many tens you have. Rewrite the problem to show how many tens you have at the end and how many ones were left over.

Example:

$$23 + 8 = _{31}$$

Look! We ended up with 3 tens.

We ended up with 1 left over!

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
51	52	53	54	55	56	57	58	59	60
61	62	63	64	65	66	67	68	69	70
71	72	73	74	75	76	77	78	79	80
81	82	83	84	85	86	87	88	89	90
91	92	93	94	95	96	97	98	99	100

$$44 + 9 = 53$$

65 + 7 = 72	2
-------------	---

$$70 + 2 = 72$$

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
51	52	53	54	55	56	57	58	59	60
61	62	63	64	65	66	67	68	69	70
71	72	73	74	75	76	77	78	79	80
81	82	83	84	85	86	87	88	89	90
91	92	93	94	95	96	97	98	99	100

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
51	52	53	54	55	56	57	58	59	60
61	62	63	64	(65)	66	67	68	69	70
71	72	73	74	75	76	77	78	79	80
81	82	83	84	85	86	87	88	89	90
91	92	93	94	95	96	97	98	99	100

Addition with Modified Tens Sticks

Use the tens sticks to add the numbers and identify how many you have in the tens and ones place. Then change your number sentence to show the tens plus the ones.

Example:

Paige had 5 flowers. Aminata gave her 8 more. How many did she have in all?



$$5 + 8 = 13$$

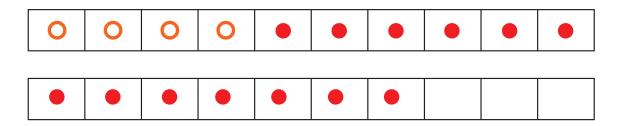
There is ____ ten and ____ ones.

0	0	0	0	0			

Now you try!

Brennan had 4 apples. Alex gave her 13 more. How many apples did she have in all?

There is ____1 ten and ___7 ones.



Addition With Modified Tens Sticks

Use the tens sticks to add the numbers and identify how many you have in the tens and ones place. Then change your number sentence to show the tens plus the ones.

Example:

Paige had 5 flowers. Aminata gave her 8 more. How many did she have in all?



There is ___1 ten and ___3 ones.

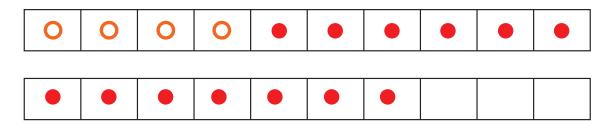
0	0	0	0	0			
						-	

Now you try!

Brennan had 4 apples. Alex gave her 13 more. How many apples did she have in all?

$$4 + 13 = _{17}$$

There is _____1 ten and _____7 ones.



Add the 10s First!

Add these two-digit numbers together by adding the 10s first! After you add the 10s you can add the 1s to find your final answer.

Example:

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
51	52	53	54	55	56 + 10	57	58	59	60
61	62	63	64	65	66 + 10	67	68 + 1	69	70
71	72 + 1	73	74	75	76	77	78	79	80
81	82	83	84	85	86	87	88	89	90
91	92	93	94	95	96	97	98	99	100

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
51	52	53 + 10	54	55	56	57	58	59	60
61	62	63	64	65 + 1	66	67 +1/	68 +1/	69 +1	70
71	72	73	74	75	76	77	78	79	80
81	82	83	84	85	86	87	88	89	90
91	92	93	94	95	96	97	98	99	100

Break it Up!

Break up the 10s and the 1s and add them separately. Then add the totals from each problem to get your final answer! *Example:*

Kayla saw 21 toy bears and 17 toy horses in the store window. How many toys did Kayla see altogether?

$$21 + 17$$

Now you try!

Talia saw 56 butterflies and 23 ants in a picture of the rainforest. How many insects did they see altogether?



$$56 + 23$$

Kelly drew 42 circles and 27 squares. How many shapes did she draw altogether?

$$42 + 27$$

$$\frac{4}{2}$$
 tens + $\frac{2}{2}$ tens = $\frac{6}{2}$ tens $\frac{2}{2}$ ones + $\frac{7}{2}$ ones = $\frac{9}{2}$ ones = $\frac{6}{2}$

Isaias used 56 red legos and 33 white legos to build a fire station. How many legos did he use altogether?

$$56 + 33$$

$$_{\underline{5}}$$
 tens + $_{\underline{3}}$ tens = $_{\underline{8}}$ tens $_{\underline{6}}$ ones + $_{\underline{3}}$ ones = $_{\underline{9}}$ ones = $_{\underline{8}}$ tens + $_{\underline{9}}$ ones = $_{\underline{89}}$

Break it Up!

Break up the 10s and the 1s and add them separately. Then add the totals from each problem to get your final answer!

Example:

Jayshan found 25 marbles. He gave 13 marbles to his friend Creg. How many marbles did Jayshan have left?

25 - 13

Now you try!

Cooper bought a pack of 47 bouncy balls. He gave 35 away to his friends. How many did he have left?



$$\frac{4}{1}$$
 tens - $\frac{3}{1}$ tens = $\frac{1}{1}$ tens $\frac{7}{1}$ ones - $\frac{5}{1}$ ones = $\frac{2}{1}$ ones = $\frac{2}{1}$ ones = $\frac{3}{1}$

Sam drew 48 circles. He crossed 28 of them out. How many circles were left?

48 - 28

$$\frac{4}{2}$$
 tens - $\frac{2}{2}$ tens = $\frac{2}{2}$ tens $\frac{8}{2}$ ones - $\frac{8}{2}$ ones = $\frac{0}{2}$ ones = $\frac{0}{2}$ ones

Julia had a bin with 78 legos inside. She used 37 to build a lego house. How many legos were left in the bin?

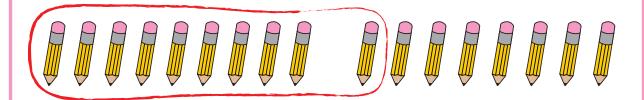
78 - 37

Circle Ten and Solve

Putting things in groups of ten makes adding easy! Use the pictures to help you solve the addition problems. Then change the problem into a 10 + ____ = ____ problem.

Example:

9 + 8



How many are left after you circle 10? ______7

Now you try!

7 + 6



How many are left after you circle 10? _____3____

Counting on the 100s Chart

Color the hundreds chart to count how many!

Example:

Isabel saw 13 birds flying in the sky.



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
51	52	53	54	55	56	57	58	59	60
61	62	63	64	65	66	67	68	69	70
71	72	73	74	75	76	77	78	79	80
81	82	83	84	85	86	87	88	89	90
91	92	93	94	95	96	97	98	99	100

There is ____ ten and ____ ones in the number 13.

Now you try!

Ajaya found 24 shells on the beach.

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
51	52	53	54	55	56	57	58	59	60
61	62	63	64	65	66	67	68	69	70
71	72	73	74	75	76	77	78	79	80
81	82	83	84	85	86	87	88	89	90
91	92	93	94	95	96	97	98	99	100





There are 2 tens and 4 ones in the number 24.

Adding 10 and 1 on the Hundreds Chart

Fill in the the shaded boxes with the correct numbers.

Example:

						7	8		
						17			
							28	29	
		33	34				38		
		43			46	47			
51	52				56				
61				65	66				
				75		77	78		
	82	83				87		89	90
	92							99	

	2	3							
	12		14	15					
			24						
						37	38		
	42	43				47			
	52			55	56				
				65				68	69
								78	
81	82	·		·	·		·	·	·
91									

More Practice Adding the 10s First!

Add these two-digit numbers together by adding the 10s first! After you add the 10s you can add the 1s to find your final answer!

76 + 13 = **89**

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
51	52	53	54	55	56	57	58	59	60
61	62	63	64	65	66	67	68	69	70
71	72	73	74	75	76	Z 7+1	78 _{+ 1}	7 9 1	80
81	82	83	84	85	86	87	88	89	90
91	92	93	94	95	96	97	98	99	100

62 + 23 = **85**

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
51	52	53	54	55	56	57	58	59	60
61	62	63	64	65	66	67	68	69	70
71	72	Z3 _{+ 1}	74,1	Z 5 ₁	76	77	78	79	80
81	82	83	84	85	86	87	88	89	90
91	92	93	94	95	96	97	98	99	100

51 + 37 = **88**

51 52 72, 73,

Subtract the 10s First!

Subtract these two digit numbers by subtracting the 10s first. After you subtract the 10s you can subtract the 1s to find your final answer.

Example:

1	2	3	4	5	6	7	8 -1	9 -1	10
11-1	12-1	13-1	14-1	15	16	17	18	19	20
21	22	23	24 -10	25	26	27	28	29	30
31	32	33	34 -10	35	36	37	38	39	40
41	42	43	44	45	46	47	48	49	50
51	52	53	54	55	56	57	58	59	60
61	62	63	64	65	66	67	68	69	70
71	72	73	74	75	76	77	78	79	80
81	82	83	84	85	86	87	88	89	90
91	92	93	94	95	96	97	98	99	100

	1	2	3	4	5	6	7	8	9	10
	11	12	13	14	15	16	17	18	19	20
	21	22	23	24	25-1	26-1	27-1	28-1	29-1	30-1
	31	32	33	34	35	36	37	38	39	40
,	41	42	43	44	45	46	47	48	49	50
,	51	52	53	54	55	56	57	58	59	60
	61	62	63	64	65	66	67	68	69	70
	71	72	73	74	75	76	77	78	79	80
	81	82	83	84	85	86	87	88	89	90
	91	92	93	94	95	96	97	98	99	100

More Practice Subtracting the 10s First!

Subtract these two digit numbers by subtracting the 10s first! After you subtract the 10s you can subtract the 1s to find your final answer.

$$77 - 35 = 42$$

48 - 29	=	19

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	32-1	33-1	_34_1	35,1	36-1	37	38	39	40
41	42	43	44	45	46	47	¥48)- 10	49	50
51	52	53	54	55	56	57	58 ₁₀		60
61	62	63	64	65	66	67	68 - 10	69	70
71	72	73	74	75	76	77	78	79	80
81	82	83	84	85	86	87	88	89	90
91	92	93	94	95	96	97	98	99	100

1	2	3	4	5	6	7	8	9,1	10
11	112	113	114	115	116	117	¹ 18	19	20
21	22	23	24	25	26	27	28	29 - 10	30
31	32	33	34	35	36	37	38	39 X - 10	40
41	42	43	44	45	46	47	48	49	50
51	52	53	54	55	56	57	58	59	60
61	62	63	64	65	66	67	68	69	70
71	72	73	74	75	76	77	78	79	80
81	82	83	84	85	86	87	88	89	90
91	92	93	94	95	96	97	98	99	100

			شير			اتر ا			
1	2	3	4	5	6	7	8	9	710 -10
11	12	13	14	15	16	17	18	19	2010
21	22	23	24	25	26	27	28	29	3010
31	32	33	34	35	36	37	38	39	4010
41	42	43	44	45	46	47	48	49	5010
51	52	53	54	55	56	57	58	59	60
61	62	63	64	65	66	67	68	69	70
71	72	73	74	75	76	77	78	79	80
81	82	83	84	85	86	87	88	89	90
91	92	93	94	95	96	97	98	99	100

More Practice Subtracting the 10s First!

Subtract these two digit numbers by subtracting the 10s first! After you subtract the 10s you can subtract the 1s to find your final answer.

$$77 - 35 = 42$$

48 - 29	=	19

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	32-1	33-1	_34_1	35,1	36-1	37	38	39	40
41	42	43	44	45	46	47	¥48)- 10	49	50
51	52	53	54	55	56	57	58 ₁₀		60
61	62	63	64	65	66	67	68 - 10	69	70
71	72	73	74	75	76	77	78	79	80
81	82	83	84	85	86	87	88	89	90
91	92	93	94	95	96	97	98	99	100

1	2	3	4	5	6	7	8	9,1	10
11	112	113	114	115	116	117	¹ 18	19	20
21	22	23	24	25	26	27	28	29 - 10	30
31	32	33	34	35	36	37	38	39 x - 10	40
41	42	43	44	45	46	47	48	49	50
51	52	53	54	55	56	57	58	59	60
61	62	63	64	65	66	67	68	69	70
71	72	73	74	75	76	77	78	79	80
81	82	83	84	85	86	87	88	89	90
91	92	93	94	95	96	97	98	99	100

			شير			اتر ا			
1	2	3	4	5	6	7	8	9	710 -10
11	12	13	14	15	16	17	18	19	2010
21	22	23	24	25	26	27	28	29	3010
31	32	33	34	35	36	37	38	39	4010
41	42	43	44	45	46	47	48	49	5010
51	52	53	54	55	56	57	58	59	60
61	62	63	64	65	66	67	68	69	70
71	72	73	74	75	76	77	78	79	80
81	82	83	84	85	86	87	88	89	90
91	92	93	94	95	96	97	98	99	100

Using Base 10 Drawings in Two-Digit Subtraction

Draw pictures to solve the two-digit subtraction problems. Draw your picture for the first number and then cross off the amount for the second number in the problem.

Example:



Count how many are left!

Now you try!

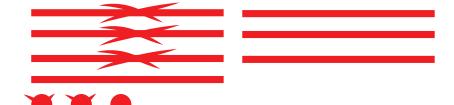
65 - 34



Count how many are left!

$$65 - 34 = _{31}$$

73 - 32



Count how many are left!

Subtract 10 or 1 to get to 1!

Subtract 10 or 1 move through the path on the hundreds chart. Fill in the number sentences as you move along! Use the shaded squares to help you count.

1	2					
				88	89	
					99	100



Subtracting 10 and 1 on the Hundreds Chart

Fill in the the shaded boxes with the correct numbers.

Example:

		3							
	12	13							
					26				
	32			35	36				
41	42								
							58		
						67	68		
			74						
		83	84						90
								99	100

	2								
11	12							19	
					26		28	29	
		33		35	36				
	42	43							
				55					
			64	65					
							78		
						87	88		

Subtracting 10s on the Hundreds Chart

Subtract 10s by moving straight up the hundreds chart!

Example:

Jill made 43 muffins for the bake sale.

She sold $\frac{20}{10}$.

How many muffins did Jill have left?

	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
	51	52	53	54	55	56	57	58	59	60
	61	62	63	64	65	66	67	68	69	70
	71	72	73	74	75	76	77	78	79	80
	81	82	83	84	85	86	87	88	89	90
	91	92	93	94	95	96	97	98	99	100

Now you try!

Jose brought 24

cupcakes to class -10 for his birthday.

The students in his class ate 20 of the cupcakes.

How many cupcakes did he have left?

·	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
	51	52	53	54	55	56	57	58	59	60
	61	62	63	64	65	66	67	68	69	70
	71	72	73	74	75	76	77	78	79	80
	81	82	83	84	85	86	87	88	89	90
	91	92	93	94	95	96	97	98	99	100

More Practice Subtracting 10s on the Hundreds Chart

Subtract 10s by moving straight up the hundreds chart!

Example:

Kim drew 54 hearts on a card for her mom.

She erased 10 hearts to make room for a note.

How many hearts did she have left?

$$54 - 10 = 44$$

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
51	52	53	54	55	56	57	58	59	60
61	62	63	64	65	66	67	68	69	70
71	72	73	74	75	76	77	78	79	80
81	82	83	84	85	86	87	88	89	90
91	92	93	94	95	96	97	98	99	100

Now you try!

Zoe picked 59 cherry tomatoes from the garden.

She used 30 of them for a big salad.

How many cherry tomatoes were left?

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
51	52	53	54	55	56	57	58	59)	60
61	62	63	64	65	66	67	68	69	70
71	72	73	74	75	76	77	78	79	80
81	82	83	84	85	86	87	88	89	90
91	92	93	94	95	96	97	98	99	100