

Number Sense & Place Value

Name: _____

1. Find the box with a 2 in the ones place. Color it red.
2. Find the box with a 4 in the tens place. Color it blue.
3. Find the box where the 3 has a value of thirty. Color it green.
4. Find the box where the 7 has a value of seventy. Color it orange.
5. Find the box where the 9 is in the ones place. Color it yellow.
6. Find the box where the 5 has a value of fifty and a value of five. Color it pink.

73

45

55

12

89

35

Number Sense & Place Value

Name: _____

Directions: Write the number.

1. Five tens and 3 ones _____

2. 4 tens and 8 ones _____

3. 7 tens _____

4. Three tens and 1 one _____

5. 9 tens and nine ones _____

6. Five ones and 2 tens _____

7. 4 ones and 6 tens _____

8. 10 tens _____

Number Sense & Place Value

Name: _____

1. Find the box with a 4 in the hundreds place. Color it red.
2. Find the box with a 3 in the tens place. Color it blue.
3. Find the box with a 7 in both the ones and the hundreds places. Color it green.
4. Find the box with an even number less than 5 in the tens place. Color it yellow.
5. Find the box with an odd number greater than 7 in the hundreds place. Color it pink.
6. Find the box with a digit that has the value of 60. Color it purple.

45

760

444

830

707

906

Number Sense & Place Value

Name: _____

Directions: Write the number.

1. 5 hundreds, 3 tens, two ones _____

2. 7 hundreds, 4 tens, 6 ones _____

3. 3 hundreds, 5 ones _____

4. 9 hundreds, 9 tens _____

5. 2 hundreds, six tens, 1 one _____

6. 5 tens, 8 hundreds _____

7. 3 hundreds, 7 ones, 4 tens _____

8. 4 hundreds, 15 tens _____

Number Sense & Place Value

Name: _____

Arrange each set of digits to make the largest possible number.

1. **1 6 7 4** _____

2. **7 5 9 0** _____

3. **3 6 2 8** _____

4. **6 7 7 5** _____

5. **8 8 6 7** _____

Explain how you know you made the largest possible number for #5.

Number Sense & Place Value

Name: _____

Arrange each set of digits to make the smallest possible number.

1. **4 5 3 1** _____

2. **5 7 0 8** _____

3. **2 2 1 0** _____

4. **0 6 3 8** _____

5. **9 3 2 6** _____

Explain how you know you made the smallest possible number for #5.

Number Sense & Place Value

Name: _____

Write the standard number for each word or expanded form.

1. five hundred twenty _____

2. two thousand, thirteen _____

3. $4000 + 500 + 80 + 3$ _____

4. seven thousand, four hundred _____

5. nine hundred two _____

6. three thousand, one hundred seventy _____

7. $5000 + 30 + 1$ _____

8. $6000 + 300 + 20 + 2$ _____

9. eight thousand eleven _____

10. one thousand, four hundred three _____

Bonus

Write this number in standard and expanded form:

14 flats, 8 longs, 21 units (Base 10 Blocks)

Standard: _____

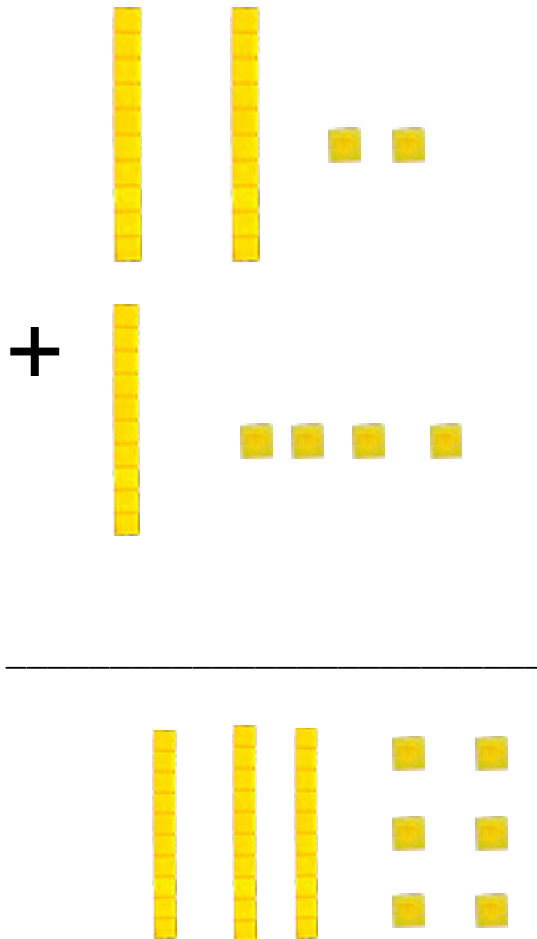
Expanded: _____

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Directions: Solve the problem. Show your work and explain your answer.

Sarah had 22 stickers. Joe gave her 14 more. She used Base Ten blocks to find out how many she had altogether. Did she use the blocks correctly?

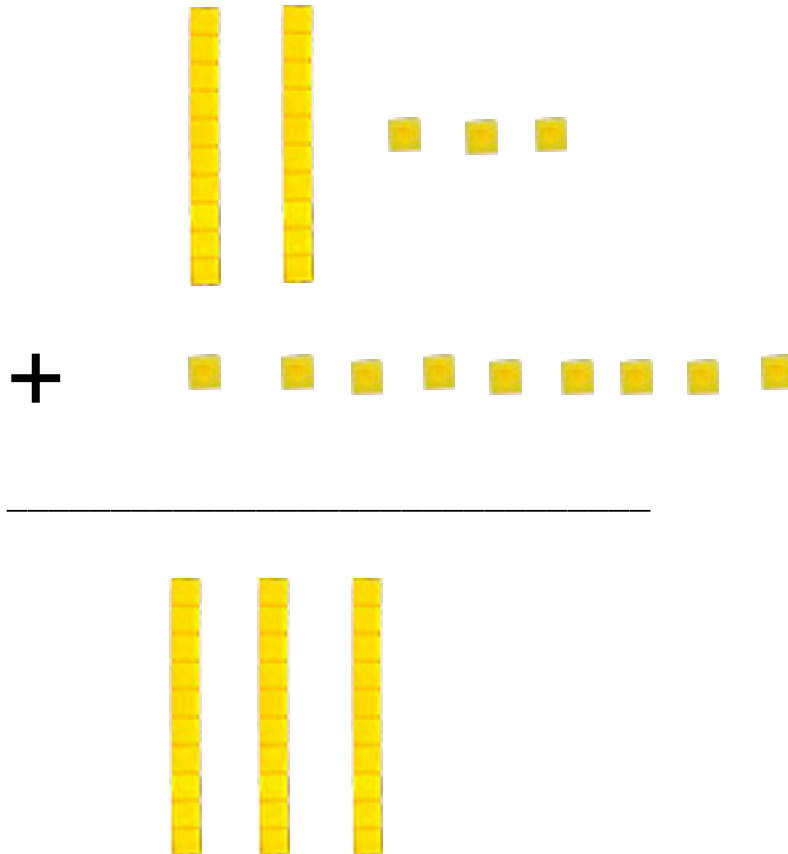


Explain your thinking.

Number Sense & Place Value

Name: _____

Luke had twenty-three pieces of gum. Anna gave him 9 more. He used Base 10 blocks to figure out how many he now has altogether. Did he use them correctly?

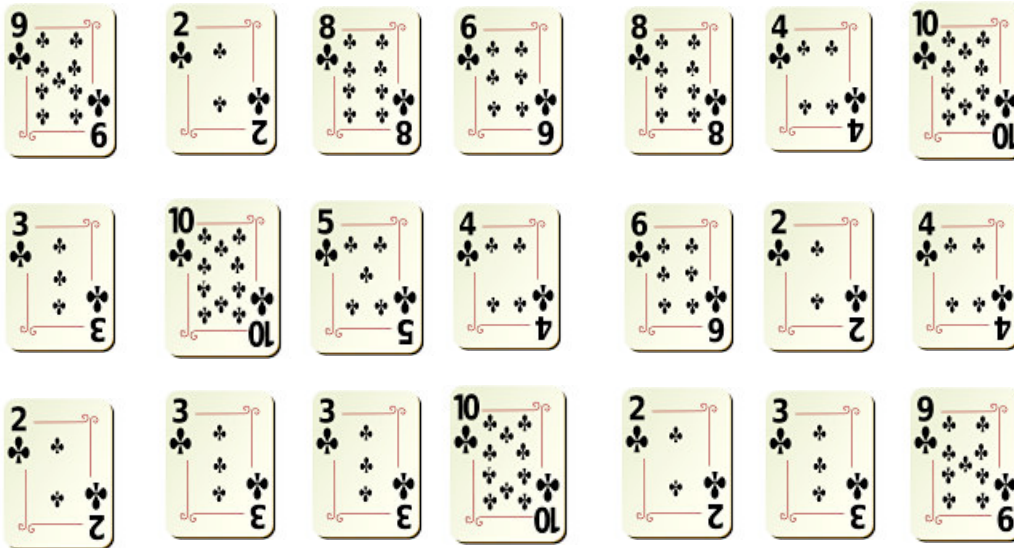


Explain your thinking.

Number Sense & Place Value

Name: _____

Sam has many playing cards. How could you group the cards to make them easier for Sam to count? Show your work.



Explain your thinking.

Number Sense & Place Value

Name: _____

Numbers have been stolen from the hundred board! Can you figure out the missing numbers and write them in the correct place?

1	2	3			6	7	8	9	
	12	13	14	15			18	19	
21	22		24			27	28		30
31		33	34	35	36				
	42	43	44	45			48	49	50
51	52	53	54			57		59	
61	62	63		65	66	67	68		
			74		76		78	79	80
81	82					87	88	89	
91	92	93					98	99	

Number Sense & Place Value

Name: _____

Directions:

Someone cut the hundred board apart! Can you find out the missing numbers on each of the pieces?

61	62

29	

44	
	55

15	
	36

88	89

	12

	17		19	

Number Sense & Place Value

Name: _____

Directions: Color the “NOTS” to find the mystery number

1. It is not an even number.
2. It is not greater than 50.
3. It is not a number you say when skip counting by 5.
4. It does not have a 9 in the ones place.
5. It does not have a 3 in the tens place.
6. It is not a single digit.
7. The sum of the two digits is not 10 or less.

What is the mystery number? _____

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

Number Sense & Place Value

Name: _____

Directions: Color the "NOTS" to find the mystery number

1. It is not less than 40.
2. It is not greater than 70.
3. It is not an odd number.
4. It does not have an even number in the tens place.
5. The sum of the digits is not 7.
6. It does not have a 6 in the ones place.

What is the mystery number? _____

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

Number Sense & Place Value

Name: _____

Directions: Color the "NOTS" to find the mystery number

1. It is not less than 60.
2. It is not a multiple of 10.
3. It is not an odd number.
4. It is not greater than 90.
5. The sum of the digits is not less than 10.
6. It does not have an even number in the tens place.
7. The sum of the digits is not greater than 12.

What is the mystery number? _____

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

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Arrange each group of numbers to make the largest number and the smallest number possible.

Digits	Largest Number	Smallest Number
4 8 3		
7 9 2		
4 0 8		
0 6 3		
7 5 8		
1 4 2		
3 1 0		
2 5 3		
3 6 1		
0 7 9		
8 2 4		

Underline the number in the ones place. Circle the number in the hundreds place.

8 9 3

3 0 1

7 4 6

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Directions: Complete each place value chart.

Number	Tens	Ones
25		
67		
48		
80		
51		

Number	Hundreds	Tens	Ones
589			
432			
772			
903			
2862			

Number	Thousands	Hundreds	Tens	Ones
1689				
8526				
7083				
1007				
3564				
8805				
7890				

Write the number that has a 5 in the tens place, a 9 in the thousands place, a 3 in the ones place, and no hundreds.

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Name: _____

Write the value of the underlined digit.

A. 46,702 _____

B. 732,974 _____

C. 309,530 _____

D. 101,888 _____

E. 545, 799 _____

F. 821,116 _____

G. 772,981 _____

H. 5, 426 _____

Write the number in the box where the 6 has the given value.

496,052

60,341

905,069

647,313

5,476

89,627

A. 600,000 _____

B. 60 _____

C. 6 _____

D. 6000 _____

E. 60,000 _____

F. 600 _____