

All About Place Value: 10 Worksheets

Give your child the worksheets she needs to boost her place value skills. Once she masters the foundations of place value, she'll be set up to understand the building blocks of math.

Table of Contents

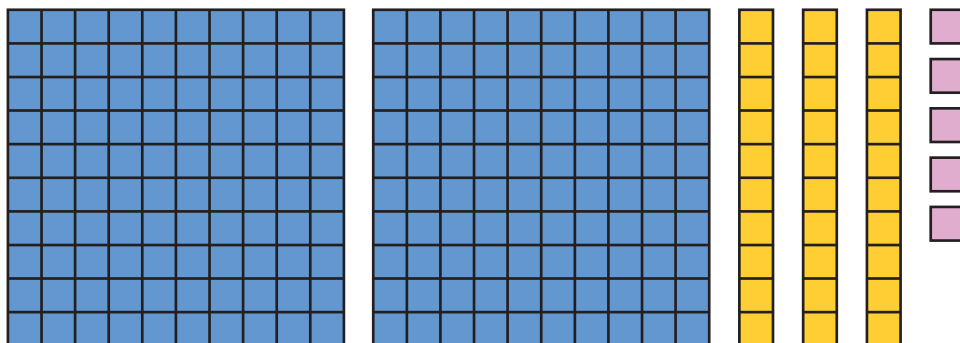
Hundreds, Tens, and Ones	
Number Place Values: Cupcake Match	
Digging Digits: Practice Place Value #1	
Place Value: Expanding Numbers	
Practice Place Value	
Place Value: Numbers, Numbers	
Learning Place Value: Number Fun!	
Counting Numbers 150-200	
Comparing Numbers: Greater Than or Less Than #1	

Name _____

Date _____

Hundreds, Tens, and Ones

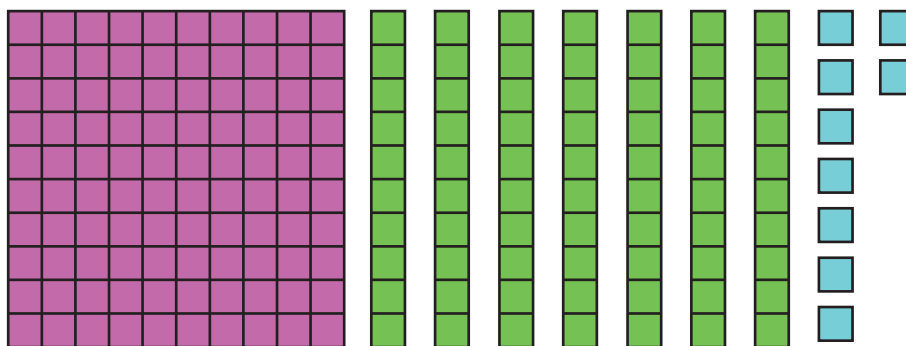
Place value is the value of a digit based on its position in a number.



2 hundreds 3 tens 5 ones = 235

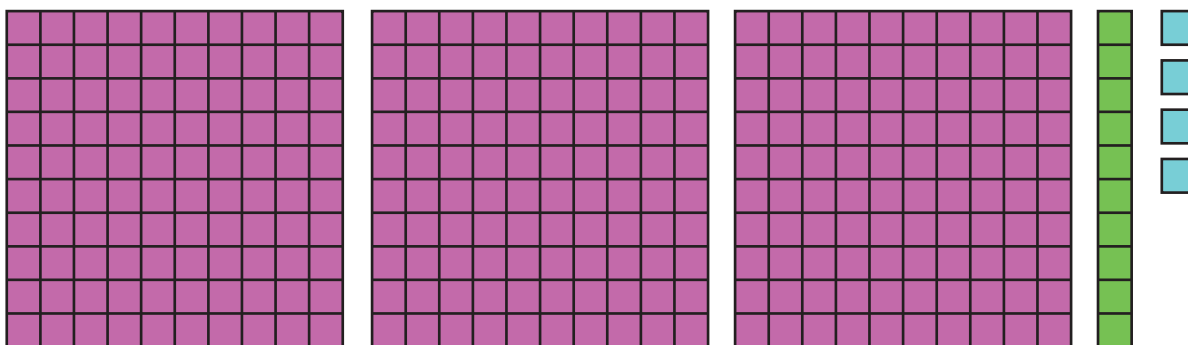
Directions: Count the hundreds, tens, and ones in the images below. Write the numbers in the boxes.

1.



_____ hundreds _____ tens _____ ones = _____

2.



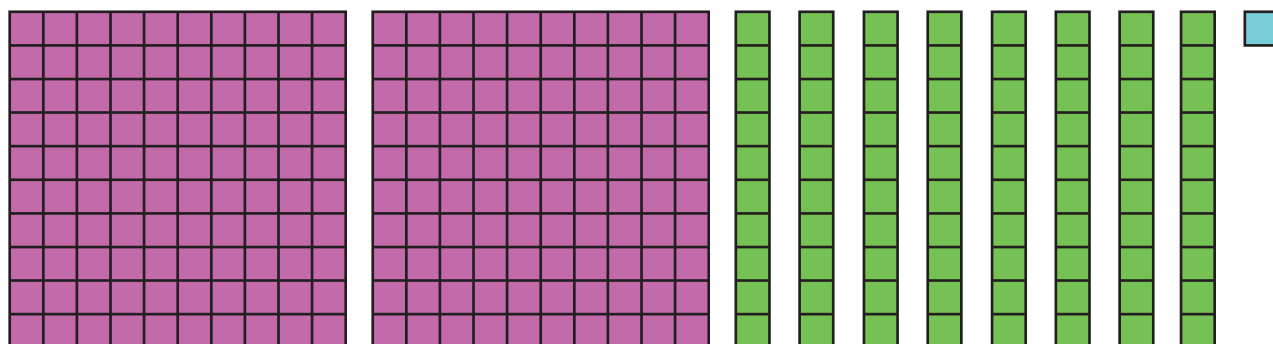
_____ hundreds _____ tens _____ ones = _____

Name _____

Date _____

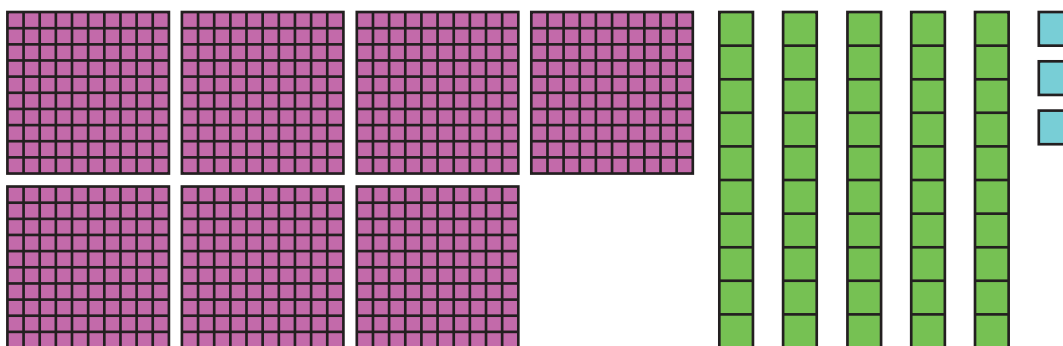
Hundreds, Tens, and Ones

3.



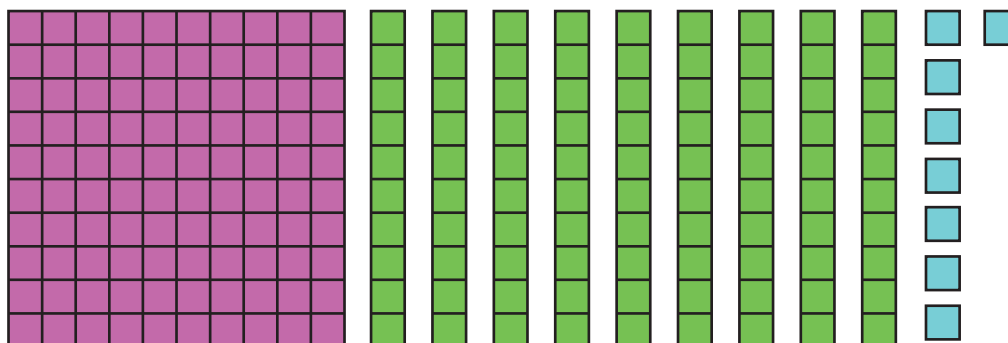
_____ hundreds _____ tens _____ ones = _____

4.



_____ hundreds _____ tens _____ ones = _____

5.



_____ hundreds _____ tens _____ ones = _____

Name _____ Date _____

Cupcake Match

Draw a line to match the number to the words.



1 ten and 2 ones



4 hundreds, 2 tens, and 3 ones



1 thousand, 8 hundreds,
5 tens, and 4 ones



2 tens and 4 ones



2 hundreds, 1 ten, and 5 ones



1 thousand, 4 hundreds,
8 tens, and 7 ones



3 hundreds, 1 ten, and 6 ones

Digging Digits

#1

Change these place values into 3-digit numbers. See the example.

$100 + 50 + 9$

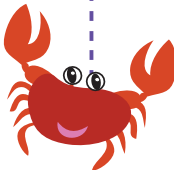


$100 + 40 + 2$

$100 + 90 + 7$

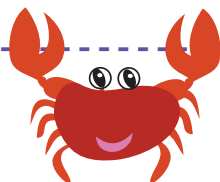
$300 + 50 + 3$

$200 + 40 + 8$



$400 + 70 + 4$

$700 + 80 + 5$



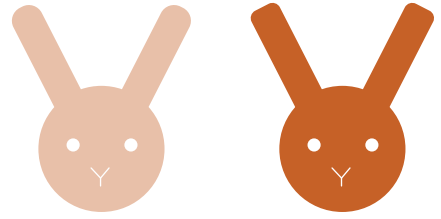
$900 + 90 + 6$

Name _____

Date _____

Learning About Numbers

Expanded Form



Let's learn about numbers and how to write them in expanded form.
A number can be made up of many smaller numbers.

For example: $100 + 10 + 2 = 112$ or $112 = 100 + 10 + 2$

Write the number from each expanded form:

1. $100 + 20 + 5 =$ 125

6. $100 + 40 + 7 =$ _____

2. $200 + 10 + 3 =$ _____

7. $200 + 20 + 6 =$ _____

3. $300 + 40 + 2 =$ _____

8. $300 + 70 + 5 =$ _____

4. $400 + 30 + 1 =$ _____

9. $400 + 50 + 2 =$ _____

5. $500 + 50 + 4 =$ _____

10. $500 + 70 + 9 =$ _____

Write the expanded form of each number:

1. $192 =$ 100 $+$ 90 $+$ 2

6. $136 =$ _____ $+$ _____ $+$ _____

2. $265 =$ _____ $+$ _____ $+$ _____

7. $249 =$ _____ $+$ _____ $+$ _____

3. $347 =$ _____ $+$ _____ $+$ _____

8. $319 =$ _____ $+$ _____ $+$ _____

4. $442 =$ _____ $+$ _____ $+$ _____

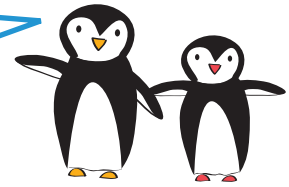
9. $483 =$ _____ $+$ _____ $+$ _____

5. $564 =$ _____ $+$ _____ $+$ _____

10. $512 =$ _____ $+$ _____ $+$ _____

Writing Out Place Value II

Fill in the missing numbers in the box.
Then write out the place values on the line provided.



$$725 = 700 + \boxed{20} + 5 = \underline{\text{Seven hundreds, two tens, and five ones.}}$$

$$593 = \boxed{} + 90 + \boxed{} = \underline{}$$

$$4421 = \boxed{} + \boxed{} + \boxed{} + 1 = \underline{}$$

$$8079 = 8,000 + \boxed{} + \boxed{} = \underline{}$$

$$9437 = 9,000 + \boxed{} + \boxed{} + \boxed{} = \underline{}$$

$$25766 = 20,000 + \boxed{} + \boxed{} + 60 + 6$$
$$= \underline{}$$

$$97642 = \boxed{} + \boxed{} + \boxed{} + \boxed{} + \boxed{}$$
$$= \underline{}$$

$$456387 = 400,000 + \boxed{} + 6,000 + \boxed{} + \boxed{} + \boxed{}$$
$$= \underline{}$$

$$2357278 = \boxed{} + \boxed{} + \boxed{} + 7,000 + \boxed{} + \boxed{} + 8$$
$$= \underline{}$$

$$8860324 = \boxed{} + \boxed{} + \boxed{} + \boxed{} + \boxed{} + 4$$
$$= \underline{}$$

Name _____ Date _____

Numbers, Numbers

Write the place value for each numeral on the chart.

	thousands	hundreds	tens	ones
1,754	_____	_____	_____	_____
2,698	_____	_____	_____	_____
4,761	_____	_____	_____	_____
7,240	_____	_____	_____	_____
5,379	_____	_____	_____	_____
3,105	_____	_____	_____	_____
6,982	_____	_____	_____	_____
9,012	_____	_____	_____	_____

Draw a line to match the number to the words.

2,328

5 thousands, 8 hundreds, 3 tens, and 4 ones

3,424

3 thousands, 5 hundreds, 1 ten, and 5 ones

5,834

2 thousands, 3 hundreds, 2 tens, and 8 ones

7,146

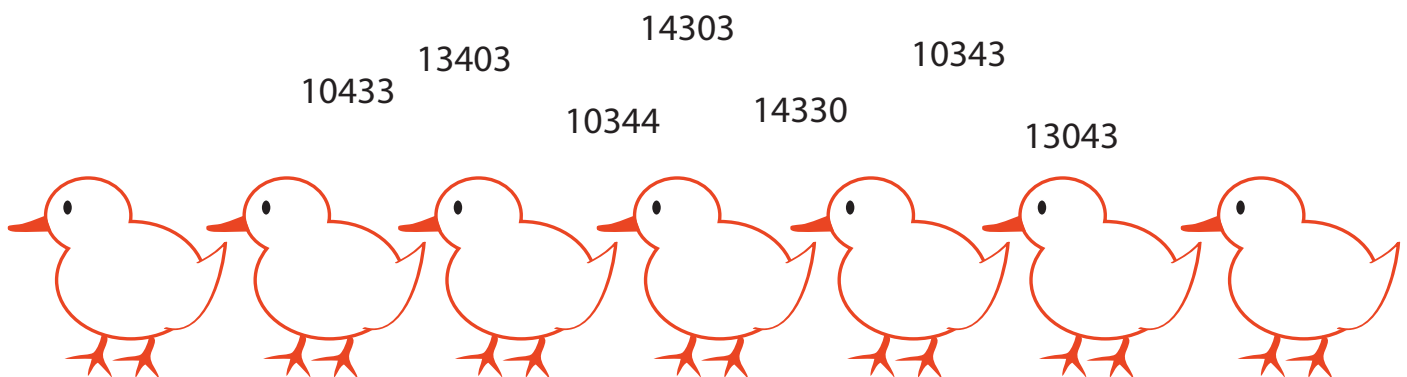
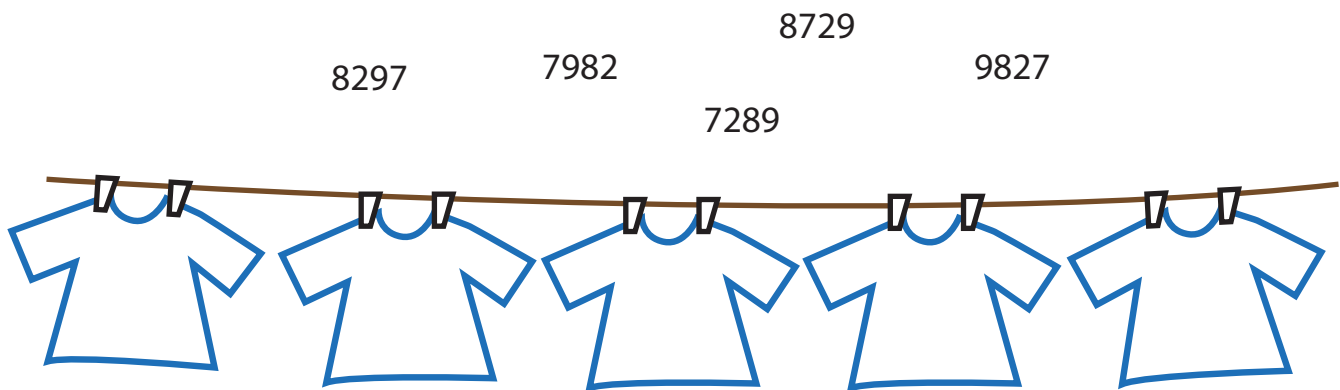
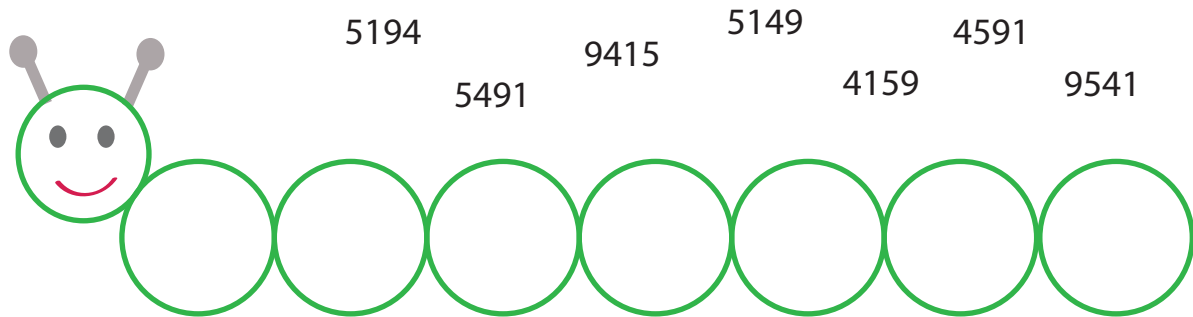
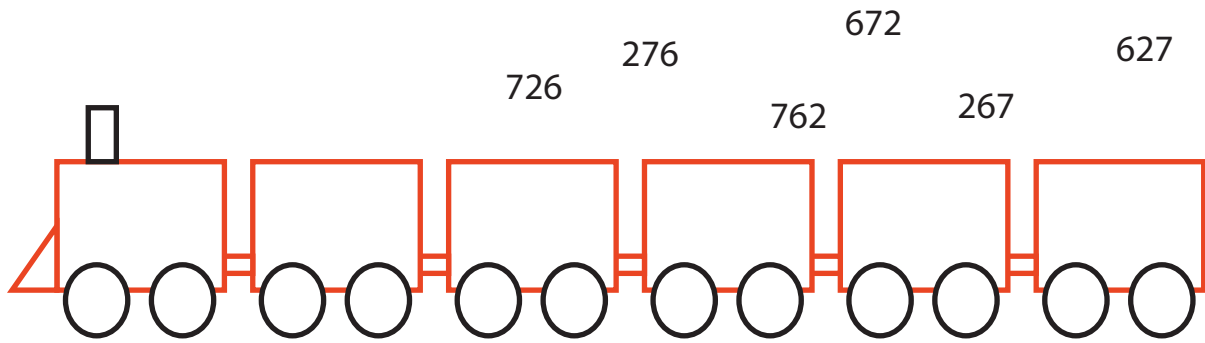
7 thousands, 1 hundred, 4 tens, and 6 ones

3,515

3 thousands, 4 hundreds, 2 tens, and 4 ones

Place Value: Number Fun!

Fill in the spaces below with the numbers in order from largest to smallest numbers.



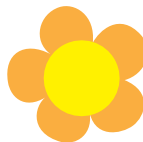
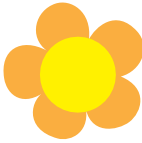
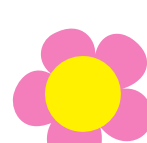
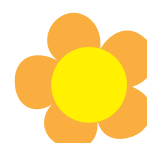
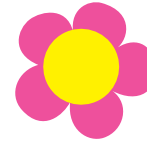
2nd Grade Math

Counting

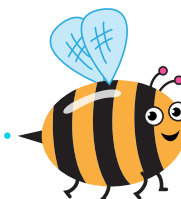
Count from 150 to 200 by filling in the missing numbers inside the flowers below!



Start here!



Nice job!



Comparing Digit Numbers

Write the numbers in the boxes from the least to the greatest value. See the example below.

10, 15, 11

$$\boxed{10} < \boxed{11} < \boxed{15}$$

20, 32, 28

$$\boxed{} < \boxed{} < \boxed{}$$

40, 27, 52

$$\boxed{} < \boxed{} < \boxed{}$$

68, 29, 34

$$\boxed{} < \boxed{} < \boxed{}$$

49, 65, 48

$$\boxed{} < \boxed{} < \boxed{}$$

34, 47, 98, 73

$$\boxed{} < \boxed{} < \boxed{} < \boxed{}$$

75, 38, 61, 46, 93

$$\boxed{} < \boxed{} < \boxed{} < \boxed{} < \boxed{}$$

Answer Sheets

All About Place Value: 10 Worksheets

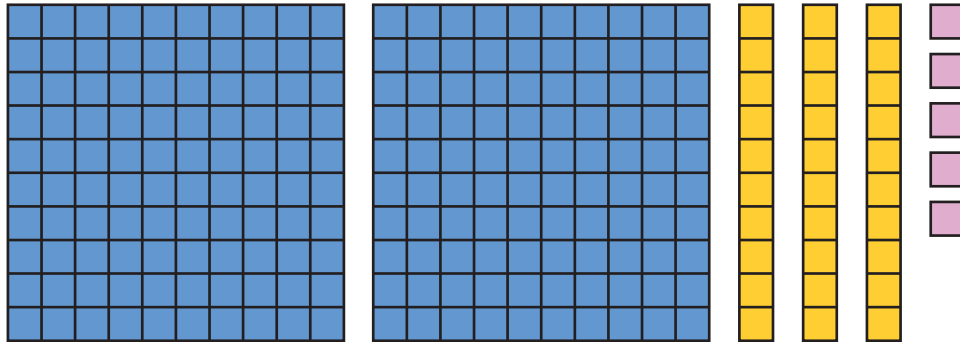
Hundreds, Tens, and Ones
Number Place Values: Cupcake Match
Place Value: Expanding Numbers
Place Value: Numbers, Numbers
Learning Place Value: Number Fun!
Counting Numbers 150-200

Name _____

Date _____

Hundreds, Tens, and Ones

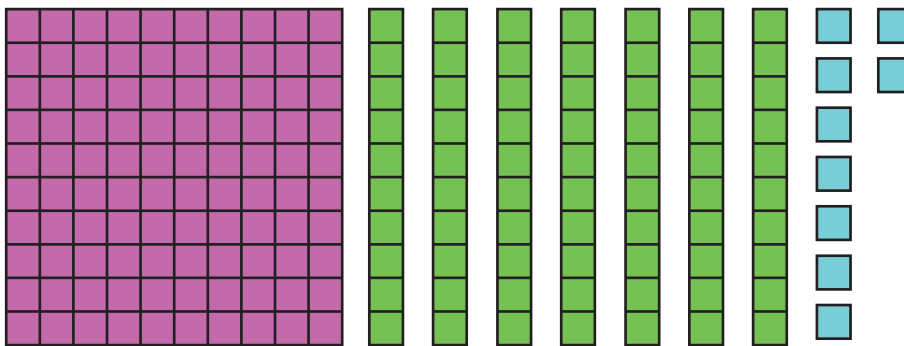
Place value is the value of a digit based on its position in a number.



2 hundreds 3 tens 5 ones = 235

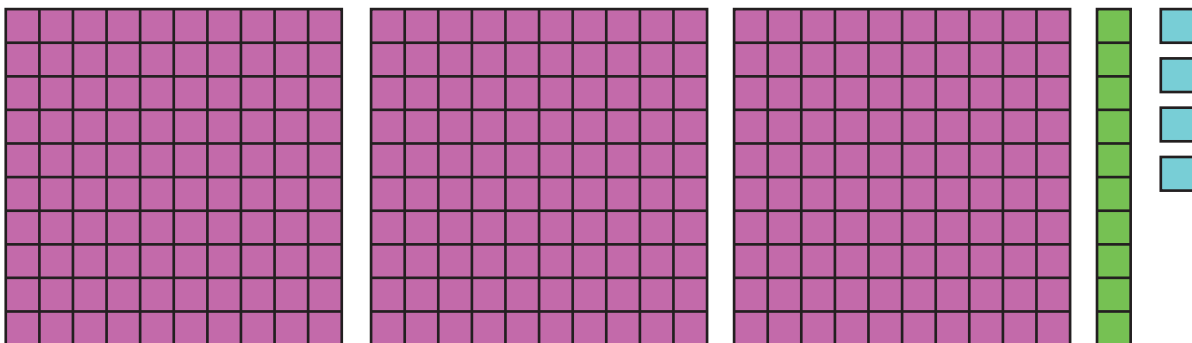
Directions: Count the hundreds, tens, and ones in the images below. Write the numbers in the boxes.

1.



1 hundreds 7 tens 9 ones = 179

2.



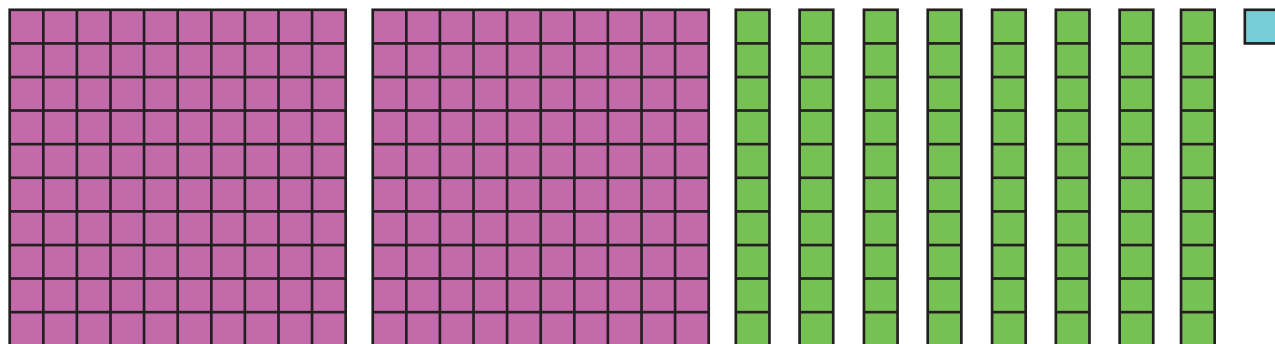
3 hundreds 1 tens 4 ones = 314

Name _____

Date _____

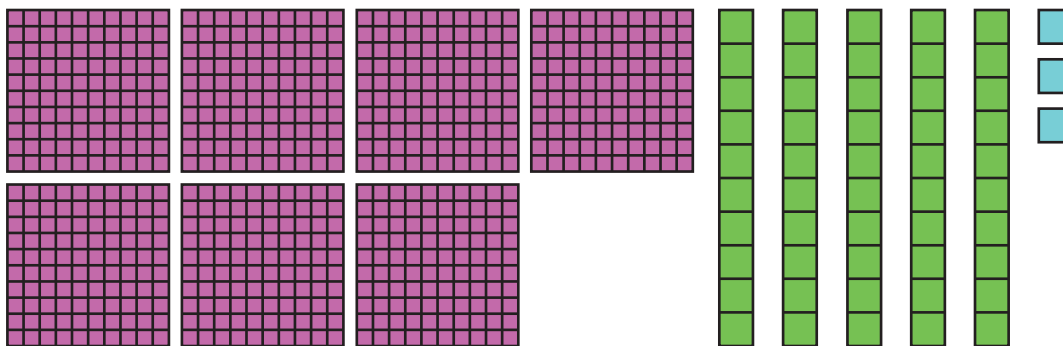
Hundreds, Tens, and Ones

3.



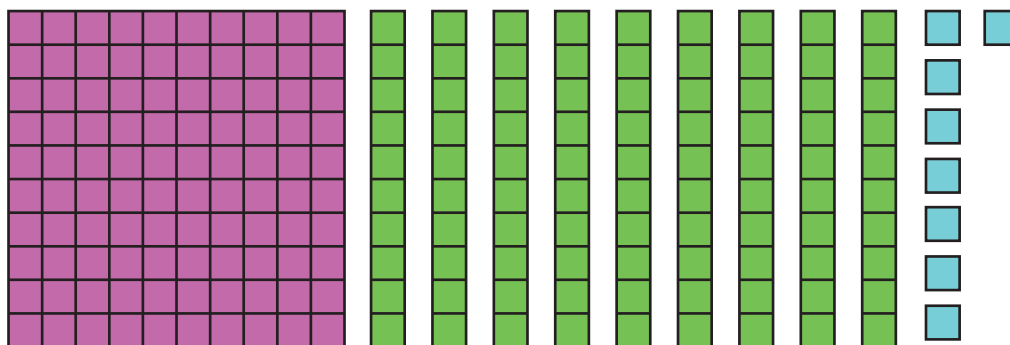
2 hundreds 8 tens 1 ones = 281

4.



7 hundreds 5 tens 3 ones = 753

5.



1 hundreds 9 tens 8 ones = 198

Name _____ Date _____

Cupcake Match Answer Key

Draw a line to match the number to the words.



1 ten and 2 ones

4 hundreds, 2 tens, and 3 ones

1 thousand, 8 hundreds,
5 tens, and 4 ones

2 tens and 4 ones

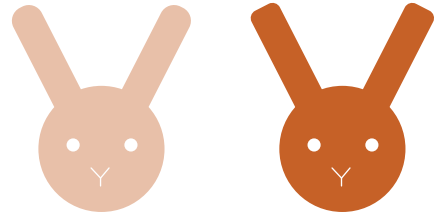
2 hundreds, 1 ten, and 5 ones

1 thousand, 4 hundreds,
8 tens, and 7 ones

3 hundreds, 1 ten, and 6 ones

Name _____

Date _____

Answer Key**Learning About Numbers****Expanded Form**

Let's learn about numbers and how to write them in expanded form.
A number can be made up of many smaller numbers.

For example: $100 + 10 + 2 = 112$ or $112 = 100 + 10 + 2$

Write the number from each expanded form:

1. $100 + 20 + 5 = \underline{125}$

6. $100 + 40 + 7 = \underline{147}$

2. $200 + 10 + 3 = \underline{213}$

7. $200 + 20 + 6 = \underline{226}$

3. $300 + 40 + 2 = \underline{342}$

8. $300 + 70 + 5 = \underline{375}$

4. $400 + 30 + 1 = \underline{431}$

9. $400 + 50 + 2 = \underline{452}$

5. $500 + 50 + 4 = \underline{554}$

10. $500 + 70 + 9 = \underline{579}$

Write the expanded form of each number:

1. $192 = \underline{100} + \underline{90} + \underline{2}$

6. $136 = \underline{100} + \underline{30} + \underline{6}$

2. $265 = \underline{200} + \underline{60} + \underline{5}$

7. $249 = \underline{200} + \underline{40} + \underline{9}$

3. $347 = \underline{300} + \underline{40} + \underline{7}$

8. $319 = \underline{300} + \underline{10} + \underline{9}$

4. $442 = \underline{400} + \underline{40} + \underline{2}$

9. $483 = \underline{400} + \underline{80} + \underline{3}$

5. $564 = \underline{500} + \underline{60} + \underline{4}$

10. $512 = \underline{500} + \underline{10} + \underline{2}$

Name _____ Date _____

Numbers, Numbers Answer Key

Write the place value for each numeral on the chart.

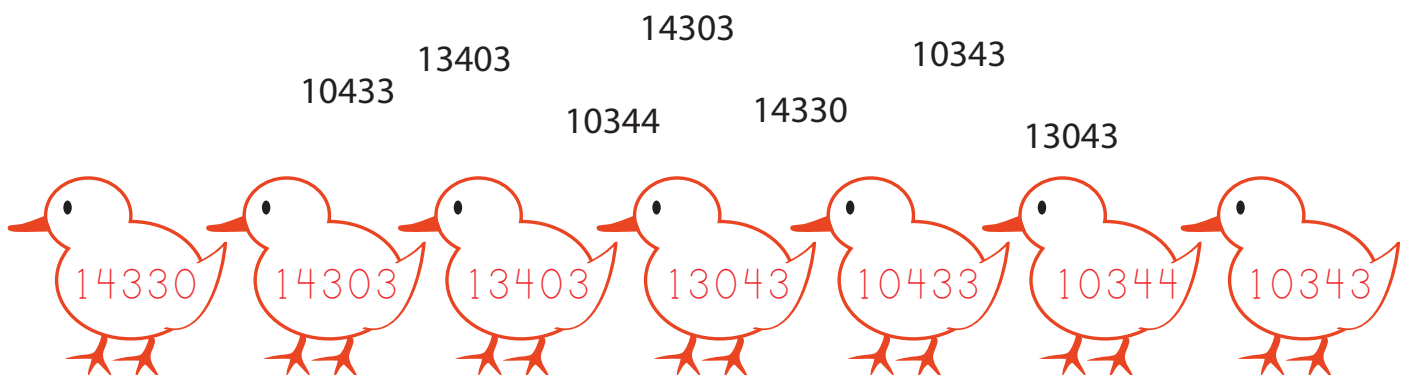
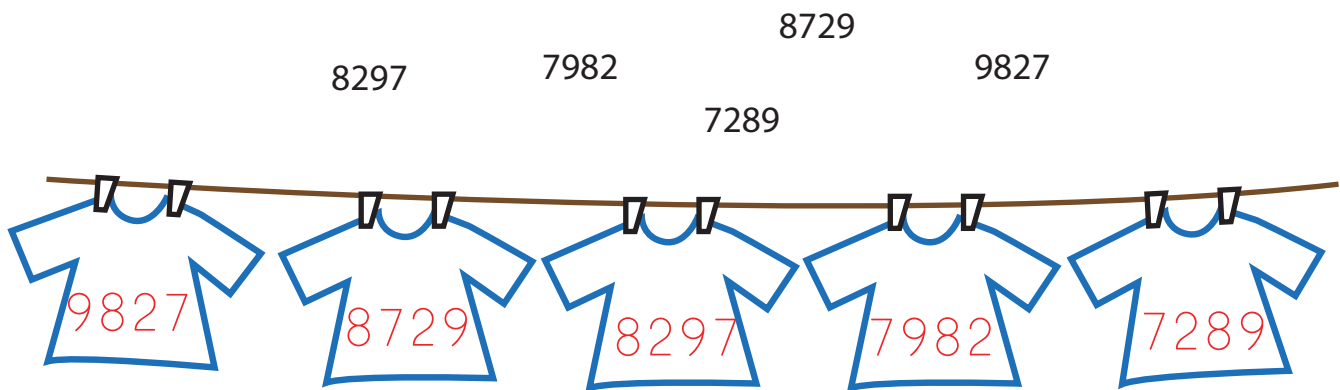
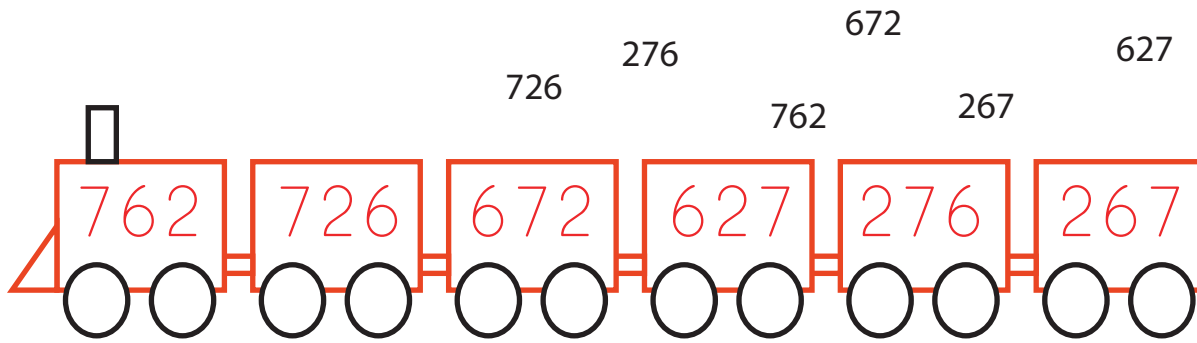
	thousands	hundreds	tens	ones
1,754	1	7	5	4
2,698	2	6	9	8
4,761	4	7	6	1
7,240	7	2	4	0
5,379	5	3	7	9
3,105	3	1	0	5
6,982	6	9	8	2
9,012	9	0	1	2

Draw a line to match the number to the words.

2,328	5 thousands, 8 hundreds, 3 tens, and 4 ones
3,424	3 thousands, 5 hundreds, 1 ten, and 5 ones
5,834	2 thousands, 3 hundreds, 2 tens, and 8 ones
7,146	7 thousands, 1 hundred, 4 tens, and 6 ones
3,515	3 thousands, 4 hundreds, 2 tens, and 4 ones

Place Value: Number Fun!

Fill in the spaces below with the numbers in order from largest to smallest numbers.



2nd Grade Math

Counting

Count from 150 to 200 by filling in the missing numbers inside the flowers below!



Start here!

150

151

152

153

154

155

156

157

158

159

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167

168

169

170

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199

200

Nice job!

