What Is Place Value?

Name: _____ Date: _____ Class: _____

Part A - Read the Chart

Each chart shows a number. Write the number, then stretch it out in expanded form.

1.

Hundreds	Tens	Ones
4	6	2

The number is: _____

Expanded form: _____ + _____ + _____

2.

Hundreds	Tens	Ones
7	0	5

The number is: _____

Expanded form: _____ + _____ + _____

3.

Hundreds	Tens	Ones
3	8	9

The number is: _____

Expanded form: _____ + _____ + _____

Part B - What Is the Digit Worth?

Look at the place first, then write how much the circled digit is worth.

1. In 482, the digit 8 is worth _____.

2. In 356, the digit 3 is worth _____.

3. In 47, the digit 4 is worth _____.

4. In 591, the digit 1 is worth _____.

5. In 203, the digit 2 is worth _____.

6. In 74, the digit 7 is worth _____.

7. In 629, the digit 9 is worth _____.

8. In 815, the digit 1 is worth _____.

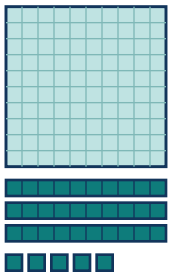
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Part C - Build the Number

Count the blocks. Fill in the hundreds, tens and ones, then write the whole number.

1.



____ hundreds + ____ tens + ____ ones

= _____ in all

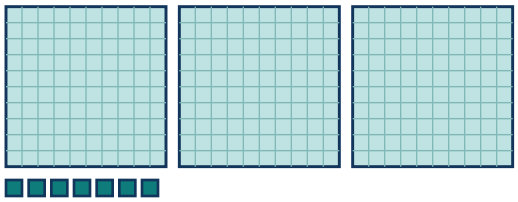
2.



____ hundreds + ____ tens + ____ ones

= _____ in all

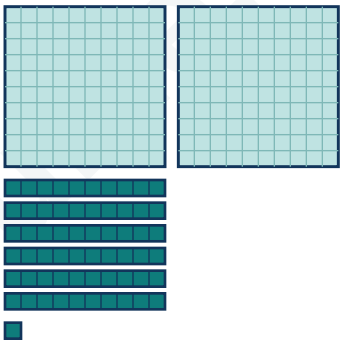
3.



____ hundreds + ____ tens + ____ ones

= _____ in all

4.



____ hundreds + ____ tens + ____ ones

= _____ in all

Part D - Word Problems

Solve each problem. Use a chart or blocks to show your thinking.

1. A storybook has 248 pages.
How many hundreds, tens and ones are in 248?

_____

_____

Answer: _____

2. Mia's house number is 3 hundreds, 0 tens and 6 ones.
What is her house number?

_____

_____

Answer: _____

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Answer Key - What Is Place Value?

Part A - Read the Chart

1.

Hundreds	Tens	Ones
4	6	2

462 = 400 + 60 + 2

2.

Hundreds	Tens	Ones
7	0	5

705 = 700 + 0 + 5

3.

Hundreds	Tens	Ones
3	8	9

389 = 300 + 80 + 9

Part B - What Is the Digit Worth?

1. 482: the 8 is worth 80.

2. 356: the 3 is worth 300.

3. 47: the 4 is worth 40.

4. 591: the 1 is worth 1.

5. 203: the 2 is worth 200.

6. 74: the 7 is worth 70.

7. 629: the 9 is worth 9.

8. 815: the 1 is worth 10.

Part C - Build the Number

1. 1 hundred + 3 tens + 5 ones = 135

2. 0 hundreds + 2 tens + 4 ones = 24

3. 3 hundreds + 0 tens + 7 ones = 307

4. 2 hundreds + 6 tens + 1 one = 261

Part D - Word Problems

1. 248 = 2 hundreds, 4 tens and 8 ones.
2. 3 hundreds + 0 tens + 6 ones = 306, so the house number is 306.

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