


Concept: The Meaning of Whole Numbers

Name: _____

COMPUTER COMPONENT

Instructions:

In  follow the **Content Menu** path:

Whole Numbers and Integers > The Meaning of Whole Numbers



Work through all Sub Lessons of the following Lessons **in order**:

- *Seeing the Number*
- *Expanded Notation*
- *Represent Numbers in Many Ways*
- *Place Value to 999, 999*
- *Millions*
- *Billions*
- *Comparing Large Numbers*
- *Ordering Large Numbers*
- *Rounding Large Numbers*



As you work through the computer exercises, you will be prompted to make notes in your notebook/math journal.

OFF COMPUTER EXERCISES

1.

(a) Draw the number 34 using as many Tens blocks as possible.

Tens	Ones

(b) Draw the number 286 using as many Hundreds blocks as possible and then as many Tens blocks as possible.

Hundreds	Tens	Ones

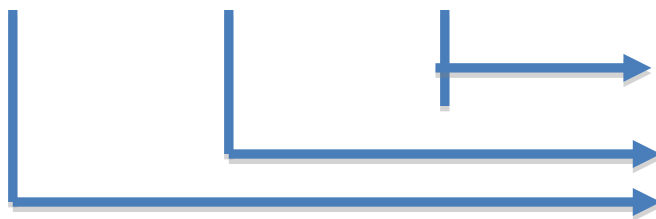
(c) 245 could be represented as _____ Hundreds, _____ Tens, and _____ Ones.

(d) 6,894 could be represented as _____ Thousands, _____ Hundreds, _____ Tens, and _____ Ones.

2. Represent the following numbers in Expanded Notation and then add the numbers.

(a) 435

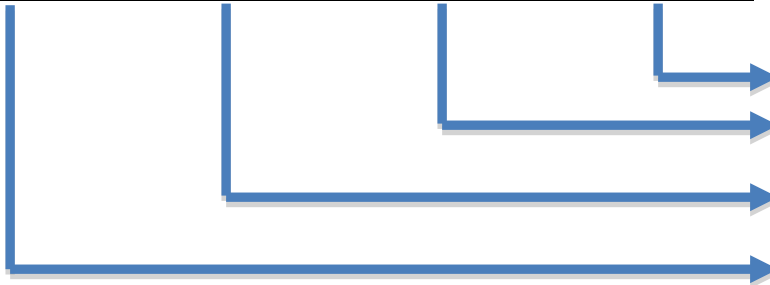
Hundreds	Tens	Ones
4	3	5



+ _____

(b) 2,581

Thousands	Hundreds	Tens	Ones
2	5	8	1



+ _____

3. Write the following numbers in words and in an addition sentence. The first one is done for you.

(a) 6,279

Six Thousand Two Hundred Seventy-Nine

$$6,000 + 200 + 70 + 9$$

(b) 3,478

_____ + _____ + _____ + _____

(c) 1,935

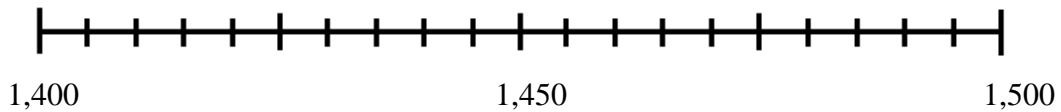
_____ + _____ + _____ + _____

(d) Draw a red dot on the point, which is at 1,435 on the number line.

Draw a blue dot on the point, which is at 1,460 on the number line.

Draw a green dot on the point, which is at 1,475 on the number line.

Draw a yellow dot over the point, which is at 1,410 on the number line.



4.

(a) Draw the number 28 in two different ways.

Tens	Ones

Tens	Ones

(b) Represent the number 832 in three different ways.

_____ Hundreds, _____ Tens, and _____ Ones

_____ Hundreds, _____ Tens, and _____ Ones

_____ Hundreds, _____ Tens, and _____ Ones

(c) Represent the number 6,571 in four different ways.

_____ Thousands, _____ Hundreds, _____ Tens, and _____ Ones

_____ Thousands, _____ Hundreds, _____ Tens, and _____ Ones

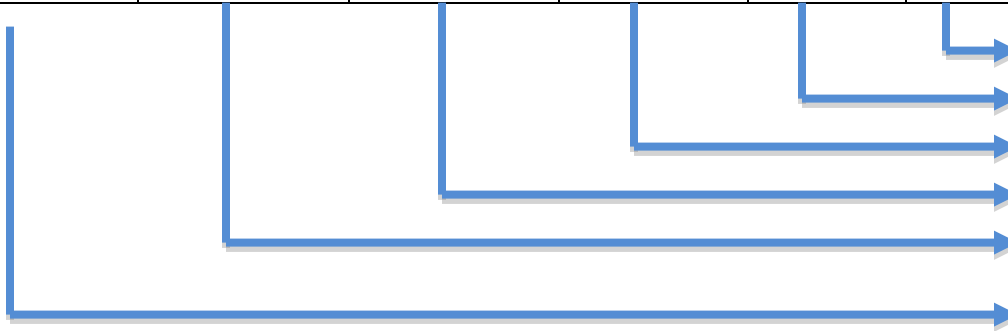
_____ Thousands, _____ Hundreds, _____ Tens, and _____ Ones

_____ Thousands, _____ Hundreds, _____ Tens, and _____ Ones

5. Write the following in Expanded Notation and add the numbers. Then write each number in words. (*Part of the first question is done for you*)

(a) 793,482

Hundred Thousands	Ten Thousands	Thousands	Hundreds	Tens	Ones
7	9	3	4	8	2



+ _____

7 HUNDRED THOUSANDS

9 _____

3 _____

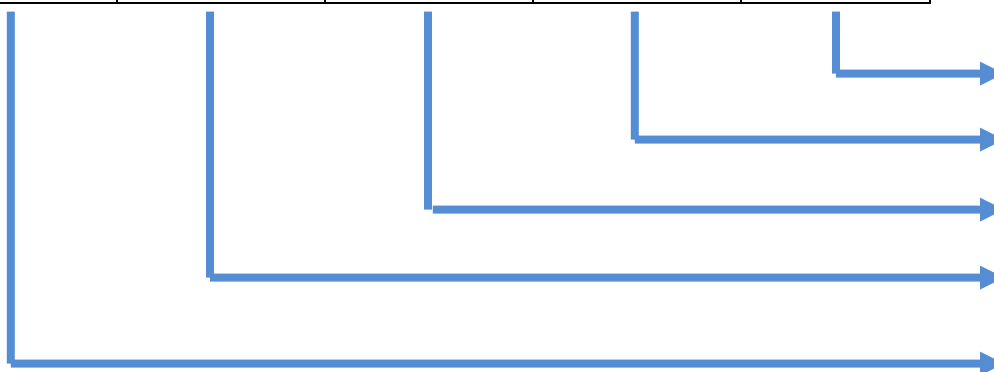
4 _____

8 _____

2 _____

(b) 58,190

Ten Thousands	Thousands	Hundreds	Tens	Ones
5	8	1	9	0



7 Thousands	7,654, 329
7 Hundred Thousands	963, 703
7 Millions	987
7 Tens	867, 932
7 Ten Thousands	754, 982

7. Write a “>” or “<” sign to make the statement true. (Remember to start with the numbers on the left)

- (a) 2,586 _____ 2,576
- (b) 36,125 _____ 36,127
- (c) 1,000,000 _____ 2,000,000
- (d) 896,753,460 _____ 896,743,460
- (e) 37,029,482,502 _____ 37,029,482,505

8. From left to right, order these numbers from smallest to largest by rewriting them in the blank spaces.

(a) 29,612 27,531 21,980 27,631 29,615 34,587

(b) 546,902,843 982,046,310 572,042,962 609,246,106 546,902,883

(c) 6,753 6,782 6,712 6,754 6,790 6,711 6,800

9. Complete the table(s) by rounding numbers to the nearest value indicated. (Write your *new* numbers in the spaces provided)

The first one is done for you.

Number	10	100	1,000
1,872	1,870	1,900	2,000
2,438			
15,761			
	93,440	93,400	93,000

Did you get this?

Number	10,000	100,000	1,000,000
23,945,763			
1,382,996			
1,997,628,333			
4,473,292			

Extension/Early Finishers

How many numbers can you make with the digits 1, 0, 8, 5, 6, and 3? *You can only use a digit only once in each number.*

What is the largest number you can make using only these digits? What is the smallest?

A number has been rounded off to 12,000. What might the number be? Justify your response.
