Our Student Internet Library has educational material for students, teachers, and parents.

Part 1 Whole Numbers

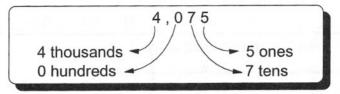
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Unit 1 Introduction to Whole Numbers

1. There are only ten digits.



2. Where digits are in a number determines their place value.



- 4,075 = 4 thousands + 0 hundreds + 7 tens + 5 ones
- 3. Commas are used to separate large numbers into groups of three places.

534, 768, 492

5	3	4	7	6	8	4	9	2
Hundreds	Tens	Units	Hundreds	Tens	Units	Hundreds	Tens	Units
Millions			Thousands			Ones		

Note: Millions is followed by billions, and then trillions.

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- 4. Counting by 10's, 100's, 1,000's, and 10,000's
 - A. Our number system is called a **decimal** system.
 - B. It is based on the number 10.
 - C. For example, look at the digit 3 on this chart. As you add a place, the number is ten times larger.

30 = 3(10) 300 = 30(10) 3,000 = 300(10)30,000 = 3,000(10)

	1's	10's	100's	1,000's	10,000's				
	1	10	100	1,000	10,000				
	2	20	200	2,000	20,000				
	3	30	300	3,000	30,000				
	4	40	400	4,000	40,000				
	5	50	500	5,000	50,000				
	6	60	600	6,000	60,000				
	7	70	700	7,000	70,000				
	8	80	800	8,000	80,000				
	9	90	900	9,000	90,000				

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