Name _____

Whole Numbers and Decimals

R 1-1

	Billions			Millions			Thousands			Ones				Decimals					
	hundred billions	ten billions	billions	hundred millions	ten millions	millions	hundred thousands	ten thousands	thousands	hundreds	tens	ones		tenths	hundredths	thousandths	ten-thousandths	hundred-thousandths	millionths
Example 1	4	2	6,	0	8	2,	3	1	8,	0	0	9	.						
Example 2										2	1	2	.	0	0	6	7		

A place-value chart helps you read the value of each digit in very large numbers and decimals.

Example 1

Standard form: 426,082,318,009

Short word form: 426 billion, 82 million, 318 thousand, 9

Expanded form: 400,000,000,000 + 20,000,000,000 + 6,000,000,000 + 80,000,000 + 2,000,000 + 300,000 + 10,000 + 8,000 + 9

Example 2

Standard form: 212.0067

Short word form: 212 and 67 ten-thousandths

Expanded form: 200 + 10 + 2 + 0.006 + 0.0007

Circle the correct value of the underlined digit.

1. <u>3</u>70, 069, 029 — 3 hundred thousands / 3 hundred millions / 3 ten millions

2. 1<u>1</u>,111,111,111 — 1 billion / 1 ten billion / 1 hundred million

Write each number in expanded form.

3. 398,620 _____

4. 721.036 _____

Write each number in standard form.

5. 12 billion, 786 thousand, 42 _____

6. 41 hundred-thousandths _____