Basic Arithmetic
Skill-Builder # W – 2
Determining the Value of a Digit

Place Value Chart

Trillions			Billions			Millions			Thousands			Ones		
H	**T**	**O**	**H**	**T**	**O**	**H**	**T**	**O**	**H**	**T**	**O**	**H**	**T**	**O**
		6	3	2	0	0	1	5	7	8	9	2	0	4

Note: H stands for **Hundreds**

T stands for **Tens**

O stands for **Ones** (**Note**: The ones place is also referred to as the **units** place.)

The position of the digit on the place value chart determines its **value**. For example, the digit 2 appears twice: once with a place value of hundred, in which case the value of this 2 is 200 or two hundred; the other 2 has a place value of ten billion, in which case the value of this 2 is 20,000,000 or twenty million.

Examples Give the value of the underlined digit.

1. 315,4<u>6</u>9
    Answer: The value of 6 is 60 or sixty.

2. 2<u>3</u>,984
    Answer: The value of 3 is 3,000 or three thousand.

3. 1<u>6</u>, 605,324
    Answer: The value of the underlined 6 is 6,000,000 or six million.

4. <u>9</u>30,405,800
    Answer: The value of 9 is 900,000,000 or nine hundred million.

5. 8<u>1</u>8,045,002,123
    Answer: The value of the underlined 1 is 10,000,000,000 or ten billion.

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Give the value of the underlined digit.

1. 70<u>3</u>

2. <u>3</u>29

3. <u>4</u>0,444

4. 28,9<u>4</u>5

5. <u>6</u>61,367

6. <u>8</u>7

7. <u>9</u>00,909,099

8. 4<u>3</u>2,096,004

9. 5<u>1</u>,468,024,137

10. <u>1</u>0,002,358,060,456

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Answers
1. 3 or three

2. 300 or three hundred

3. 40,000 or forty thousand

4. 40 or forty

5. 600,000 or six hundred thousand

6. 80 or eighty

7. 900,000,000 or nine hundred million

8. 30,000,000 or thirty million

9. 1,000,000,000 or one billion

10. 10,000,000,000,000 or ten trillion