**Lesson 1**

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| Topic Goal: Place Value |

**Place Value** is the value given to the place in which a digit appears in a numeral.

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| Decimal Place Value Chart | | | | | | | | | |
| Ten thousands | Thousands | Hundreds | Tens | Ones | Decimal point | Tenths | Hundredths | Thousandths | Ten-thousandths |
| 6 | 2 | 4 | 5 | 3 | . | 1 | 9 | 7 | 8 |

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| Example(s): |

For each number give the place value of the bolded digit.

1. 1 3**4**5.87

2. 39.6**7**3

**ANSWER:**

1. Tens
2. Hundreth

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| Practice Questions: |

1. For each number give the place value of the underlined digit.
   1. 25 **8**72.266 \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
   2. 73.1**2**9 \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
   3. 83**5** 643.4256 \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
   4. 49.4**7 \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**
2. Circle the name of the place value of the underlined digit in each number.
   1. 252 tens ones tenths
   2. 145 hundreds tens ones
   3. 12.65 tens tenths hundredths
   4. 6.43 tens tenths hundredths
3. Write down the place values for each these numbers.
   1. 1426

Place value of 1: \_\_\_\_\_\_\_\_\_\_\_\_\_

Place value of 2: \_\_\_\_\_\_\_\_\_\_\_\_\_

* 1. 560.142

Place value of 5: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Place value of 6: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

* 1. 4.2603

Place value of 3: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Place value of 4: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

* 1. 7 380 261

Place value of 7: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Place value of 8: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

1. Write the place of each number. The first one is done as an example.
   1. 56**7** 465

What place is the selected number in? ***Thousands***

* 1. 6**2**9 816

What place is the selected number in?

* 1. 632 7**9**0

What place is the selected number in?

* 1. 19**1** 753

What place is the selected number in?

* 1. 987 8**7**9

What place is the selected number in?

* 1. 654 **3**21

What place is the selected number in?

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| Assessment: |

Part A: **Multiple Choice**

Circle the best answer in each question.

1. Which number has a 2 in the hundredth place?
   1. 52.112 b. 24.213 c. 3. 124 d. 222.212

2. Which number has a 3 in the thousands place?

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| a. | 3,672 | b. | 347 | c. | 10,563 | d. | 4,730 |

3. Which place value is correct for the bolded digit: 1 3**4**5. 87

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| a. | ones |
| b. | tens |
| c. | hundredth |
| d. | tenth |

4. Which number has the same digit in the thousands place as 9,162?

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| a. | 9,516 | b. | 6,618 | c. | 3,265 | d. | 6,306 |

Part B: Short Answer

1. Write the name of the place value of the underlined digit.

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|  | Place value |
| 1**6** 4.53 |  |
| **3** 564 |  |
| 34**5** |  |
| 8.9**8**6 |  |
| 56.43**2**11 |  |