

Lesson 1a: Place Value of Whole Numbers

Objective: Students will understand place value of whole numbers by reading and writing numbers in standard form and expanded form

Complete on a separate piece of paper and turn in to basket.

Warm-up: Add 111 to each number.

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|----------|----------|
| 1. 567 | 4. 328 |
| 2. 244 | 5. 1,760 |
| 3. 5,387 | 6. 2,872 |

Vocabulary:

1. **Standard form:** Write number using digits, using commas before every third number on the right. These are called periods. Ex. 324,207
2. **Word form:** Write the name of the numbers in each period followed by the period name. Ex. Three hundred twenty-four thousand two hundred seven
3. **Short word form:** Write the name of each period in words except the last one. Ex. 324 thousand, 207
4. **Expanded form:** Use the digits to show the value of each place.
Ex. $300,000 + 20,000 + 4,000 + 200 + 7$ or $(3 \times 100,000 + 2 \times 10,000 + 4 \times 1,000 + 7)$

Watch PowerPoint – Place value – standard form.

Questions to be completed in your journal.

Practice: Write each of the following numbers in word form, short word form, expanded form and expanded form with multiplication. Complete in your journal.

1. **6,430**

- a. word form –
- b. short word form –
- c. expanded form –
- d. expanded form with multiplication –

2. **537,460**

- a. word form –
- b. short word form –
- c. expanded form –
- d. expanded form with multiplication –

App on the iPad – That Quiz Math

- **Settings:**
 - **Concepts**
 - **Place value**
 - **Identification**
 - **Sums**
 - **Integer**



Homework: Complete worksheet: place value