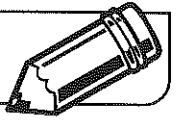


LESSON
3•2
Solving Place-Value Puzzles


| Hundred (100) Billions | Ten (10) Billions | One (1) Billions | Hundred (100) Millions | Ten (10) Millions | One (1) Millions | Hundred (100) Thousands | Ten (10) Thousands | One (1) Thousands | Hundred (100) Units | Ten (10) Units | One (1) Units |
|---------------------------|----------------------|---------------------|---------------------------|----------------------|---------------------|----------------------------|-----------------------|----------------------|------------------------|-------------------|------------------|
| BILLIONS | | | MILLIONS | | | THOUSANDS | | | UNITS | | |
| 4 | 2 | 3 | 9 | 8 | 5 | 1 | 0 | 3 | 2 | 6 | 7 |
| | | | | | | | | | | | |
| | | | | | | | | | | | |

- Color each section label with a different color.
- For each puzzle below:
 - ◆ Read the clues to write the digits in the chart.
 - ◆ Write each number in **number-and-word notation** and **standard notation**.

Puzzle 1

- ◆ Write 4s in the 100-billions and 100-millions place.
- ◆ Write 5s in the 100s place and 100-thousands place.
- ◆ Write 6 in the 1-millions place and half of 6 in the 10-millions place.
- ◆ Write 0s where you need them to complete the number.

 Number-and-word notation:

 Standard notation:

Puzzle 2

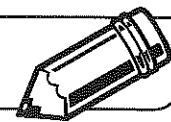
- ◆ Write 3 in the 10-thousands place and double it in the 10-millions place.
- ◆ Write 8 in the 100-millions place and half of 8 in the 10s place.
- ◆ Write 9 in the 1-thousands place.
- ◆ Write 2s where you need them to complete the number.

 Number-and-word notation:

 Standard notation:

LESSON
3•2

Interpreting Patterns from Data



Use the map on page 349 of the *Student Reference Book*.

1. Choose a region and record the region name. _____

The dates for exploration, settlement, and statehood can be thought of as three data sets. Identify and record the minimum, maximum, median, and range for each data set.

2.

| Region: _____ Data Set: Exploration Dates | | | |
|---|--|--------|--|
| Data: | | | |
| Minimum | | Median | |
| Maximum | | Range | |

3.

| Region: _____ Data Set: Settlement Dates | | | |
|--|--|--------|--|
| Data: | | | |
| Minimum | | Median | |
| Maximum | | Range | |

4.

| Region: _____ Data Set: Statehood Dates | | | |
|---|--|--------|--|
| Data: | | | |
| Minimum | | Median | |
| Maximum | | Range | |

On the back of this page, use the information represented by the landmarks to write one true statement about each data set.