

Practice 1-1: Whole Number Place Value (Part A)

A place value chart can help you understand that each digit in a number has a value.

The number, 7 154 236, can be written in a place value chart.

billions period			millions period			thousands period			units period		
hundreds	tens	ones	hundreds	tens	ones	hundreds	tens	ones	hundreds	tens	ones
					7	1	5	4	2	3	6

The 7 is in the millions place and its value is 7 000 000.

The 1 is in the hundred thousands place and its value is 100 000.

The 5 is in the ten thousands place and its value is 50 000.

The 4 is in the thousands place and its value is 4 000.

The 2 is in the hundreds place and its value is 200.

The 3 is in the tens place and its value is 30.

- The 6 is in the ones place and its value is 6.

Numbers can be written in different ways.

Standard Form: 7 154 236

Expanded Form: $7\,000\,000 + 100\,000 + 50\,000 + 4\,000 + 200 + 30 + 6$

Word Form: seven million one hundred fifty-four thousand two hundred thirty-six

Number Word Form: 7 million 154 thousand 236

In the number, 517 492, which digit is in the...

- 1) thousands place? _____
- 2) ones place? _____
- 3) ten thousands place? _____
- 4) hundred thousands place? _____

In the number, 7 340 256, which digit is in the...

- 5) hundreds place? _____
- 6) ten thousands place? _____
- 7) hundred thousands place? _____
- 8) millions place? _____

What is the value of the underlined digit?

- 9) 6 8 13 _____
- 10) 1 5 673 _____
- 11) 145 903 _____
- 12) 9 6 73 804 _____

Write each number in standard form.

- 13) four thousand five hundred twenty-three _____
- 14) $40\,000 + 5\,000 + 800 + 30 + 1$ _____
- 15) five hundred twenty-seven thousand eighty-nine _____
- 16) 2 million 304 thousand 613 _____
- 17) $3\,000\,000 + 20\,000 + 600 + 10 + 7$ _____

Write each number in expanded form.

- 18) 2 506 _____
- 19) ninety-two thousand fifty-seven _____
- 20) 516 129 _____
- 21) 8 million 78 thousand 1 _____
- 22) seven million thirty-nine thousand five hundred seven _____
- _____

Write each number in word form.

- 23) 12 643 _____
- 24) $400\,000 + 6\,000 + 100 + 8$ _____
- 25) 2 070 095 _____
- 26) $7\,000\,000 + 100\,000 + 50\,000 + 6\,000 + 200 + 3$ _____
- _____

Write each number in number-word form.

- 27) 348 451 _____
- 28) $400\,000 + 70\,000 + 6\,000 + 300 + 20 + 8$ _____
- 29) 2 970 012 _____
- 30) $9\,000\,000 + 20\,000 + 5\,000 + 50 + 3$ _____
- 31) six million forty-two thousand one hundred five _____