

**Place Value of Whole Numbers  
(Through 999,999,999)**

1. Mercury is thirty-five million, nine hundred eighty-three thousand, ninety-five miles from the sun. Which is another way to write this number?
  - A. 35,983,000,095
  - B. 35,983,095
  - C. 35,983,950
  - D. 35,083,095
  
2. According to the Census Bureau, the estimated population in 2008 for California was 36,756,666. How is this number written in words?
  - A. Thirty million, seven hundred fifty-six thousand, six hundred
  - B. Thirty-six million, seven hundred thousand, six hundred sixty-six
  - C. Thirty-six million, seven hundred fifty-six thousand, six hundred sixty-six
  - D. Thirty-six thousand, seven hundred fifty-six, six hundred sixty-six
  
3. Which is another way to write the numeral 7,050,091?
  - A. Seven million, fifty thousand, ninety-one
  - B. Seventy million, five thousand, ninety-one
  - C. Seven million, fifty thousand
  - D. Seven million, fifty thousand, nineteen
  
4. Which digit is in the ten thousands place in the number 72,480,035?
  - A. 3
  - B. 7
  - C. 2
  - D. 8

5. Stephanie's teacher wrote the number  $90,000,000 + 1,000,000 + 5,000 + 30 + 9$  on the board. She asked her students to write the number in standard form. Which number below is written in the correct standard form?
- A. 91,539
  - B. 91,000,539
  - C. 91,005,039
  - D. 91,539,000
6. What does the 4 represent in the number 2,478,056?
- A. Four hundred
  - B. Four thousand
  - C. Forty thousand
  - D. Four hundred thousand
7. Which number has a 9 in the ten millions place and a 5 in the hundred thousands place?
- A. 908,450,027
  - B. 439,601,532
  - C. 390,501,827
  - D. 591,745,608
8. Texas has an area of 268,820 square miles. How is this number written in words?
- A. Two hundred sixty-eight million, eight hundred twenty
  - B. Two hundred sixty-eight thousand, eight hundred twenty
  - C. Two hundred sixty-eight thousand, twenty
  - D. Two hundred six thousand, eight hundred twenty
9. Mrs. Crain asked her students to write the expanded form of 9,407,368. Which of the following numbers was written correctly?
- A.  $9,000,000 + 400,000 + 7,000 + 300 + 60 + 8$
  - B.  $9,000,000 + 40,000 + 7,000 + 300 + 60 + 8$
  - C.  $9,000,000 + 400,000 + 7,000 + 30 + 8$
  - D.  $90,000 + 4,000 + 700 + 30 + 60$

10. There are thirty-one million, five hundred thirty-six thousand seconds in a year. How is this number written in standard form?
- A. 31,536
  - B. 31,000,536
  - C. 31,500,036
  - D. 31,536,000
11. Which number has a 4 in the hundred millions place and a 0 in the hundreds place?
- A. 423,056
  - B. 489,061,325
  - C. 437,529,081
  - D. 4,536,079
12. Which of the following is another way to write the numeral 20,013,007?
- A. Twenty thousand, seven
  - B. Twenty million, one thousand, thirty-seven
  - C. Twenty million, thirteen thousand, seven
  - D. Twenty million, thirteen thousand
13. There are 90,840 drops of water in a gallon. What is the value of the 9?
- A. Ninety million
  - B. Ninety thousand
  - C. Nineteen thousand
  - D. Nine thousand
14. The students in Colleen's science class are studying Earth Science. She learned that the sun is ninety-three million miles from Earth. What is another way to write this number?
- A. 93,000,000,000
  - B. 93,000,000
  - C. 9,300,000
  - D. 93,000

15. Deon's teacher asked him to make the largest number with the digits below.

7	2	0	8	9	3	1	5	4
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He created the number 987,543,210. How is this number written in words?

- A. Nine hundred eighty-seven million, five hundred forty-three thousand, two hundred ten
- B. Nine hundred eighty million, five hundred forty-three thousand, two hundred ten
- C. Nine hundred million, five hundred forty-three thousand, two hundred ten
- D. Nine hundred eighty-seven million, five hundred forty-three thousand, twenty-one

16. The male African elephant at the Wild Animal Park needs to eat 70,158 calories each day. What is the value of the 7 in 70,158?

- A. Seventy million
- B. Seven million
- C. Seven hundred thousand
- D. Seventy thousand

17. Which number has a 3 in the tens place and a 4 in the millions place?

- A. 178,490,835
- B. 574,601,732
- C. 290,634,137
- D. 601,745,239

18. Which is another way to write the numeral  $400,000,000 + 2,000 + 500 + 7$ ?

- A. 400,250,007
- B. 400,200,507
- C. 400,002,507
- D. 402,000,507

19. The core of the Sun is 27,000,000 degrees Fahrenheit. What is the value of the 2?
- A. Twenty million
  - B. Two million
  - C. Twenty billion
  - D. Twenty thousand
20. Which of the following is another way to write the numeral 401,607?
- A. Four hundred one million, six hundred seven thousand
  - B. Four hundred one thousand, six hundred seven
  - C. Four hundred one thousand, sixty-seven
  - D. Four hundred one thousand, six hundred
21. Which number has a 7 in the ten millions place and a 1 in the thousands place?
- A. 249,071,586
  - B. 872,091,304
  - C. 572,410,083
  - D. 437,801,009
22. In 2000, farmers in the United States used water to irrigate 61,900,000 acres of land. How is this number written in words?
- A. Six hundred nineteen million
  - B. Sixty-one million, nine thousand
  - C. Sixty-one million, nine hundred thousand
  - D. Sixty-one million, ninety thousand
23. Which of the following is another way to write the numeral 50,012,103?
- A. Five hundred million, twelve thousand, one hundred three
  - B. Fifty million, twelve thousand, three
  - C. Fifty million, two thousand, one hundred three
  - D. Fifty million, twelve thousand, one hundred three

24. Which number has a 2 in the ten millions place and a 4 in the hundred thousands place?

- A. 421,637,950
- B. 298,475,301
- C. 527,048,139
- D. 920,413,876

25. It is reported that in 2005 the U.S. generated two hundred forty-five million, seven hundred thousand tons of garbage. How is this number written in the standard form?

- A. 245,700,000
- B. 245,000,700
- C. 245,070,000
- D. 245,700

**Place Value of Whole Numbers  
(Through 999,999,999)  
Answer Key**

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|--------------|--------------|
| 1. <b>B</b>  | 14. <b>B</b> |
| 2. <b>C</b>  | 15. <b>A</b> |
| 3. <b>A</b>  | 16. <b>D</b> |
| 4. <b>D</b>  | 17. <b>B</b> |
| 5. <b>C</b>  | 18. <b>C</b> |
| 6. <b>D</b>  | 19. <b>A</b> |
| 7. <b>C</b>  | 20. <b>B</b> |
| 8. <b>B</b>  | 21. <b>B</b> |
| 9. <b>A</b>  | 22. <b>C</b> |
| 10. <b>D</b> | 23. <b>D</b> |
| 11. <b>C</b> | 24. <b>D</b> |
| 12. <b>C</b> | 25. <b>A</b> |
| 13. <b>B</b> |              |

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7. Write a number with a 9 in the ten millions place and a 5 in the hundred thousands place.
  
8. Texas has an area of 268,820 square miles. How is this number written in words?

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10. There are thirty-one million, five hundred thirty-six thousand seconds in a year. How is this number written in standard form?
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19. The core of the Sun is 27,000,000 degrees Fahrenheit. What is the value of the 2?
20. Write the numeral 401,607 in word form.
21. Write a number which has a 7 in the ten millions place and a 1 in the thousands place.
22. In 2000, farmers in the United States used water to irrigate 61,900,000 acres of land. How is this number written in words?
23. Write the numeral 50,012,103 in word form.
24. Write a number which has a 2 in the ten millions place and a 4 in the hundred thousands place.
25. It is reported that in 2005 the U.S. generated two hundred forty-five million, seven hundred thousand tons of garbage. Write this number in standard form.

**Compare and Order Decimals  
(through thousandths)  
Answer Key**

1. 35,983,095
2. Thirty-six million, seven hundred fifty-six thousand, six hundred sixty-six
3. Seven million, fifty thousand, ninety-one
4. 8
5. 91,005,039
6. Four hundred thousand
7. Answers will vary with 9 in the ten millions place and 5 in the hundred thousands place
8. Two hundred sixty-eight thousand, eight hundred twenty
9.  $9,000,000 + 400,000 + 7,000 + 300 + 60 + 8$
10. 31,536,000
11. Answers will vary with 4 in the hundred millions place and 0 in the hundreds place
12. Twenty million, thirteen thousand, seven
13. Ninety thousand
14. 93,000,000
15. Nine hundred eighty-seven million, five hundred forty-three thousand, two hundred ten
16. Seventy thousand
17. Answers will vary with 3 in the tens place and 4 in the millions place
18. 400,002,507
19. Twenty million
20. Four hundred one thousand, six hundred seven
21. Answers will vary with 7 in the ten millions place and 1 in the thousands place
22. Sixty-one million, nine hundred thousand
23. Fifty million, twelve thousand, one hundred three
24. Answers will vary with 2 in the ten millions place and 4 in the hundred thousands place
25. 245,700,000