

# Place Value

The 8 in 577,800,000,000,000 is in the hundred-billions place, and its value is 800 billion.

Trillions			Billions			Millions			Thousands			Ones		
hundred trillions	ten trillions	trillions	hundred billions	ten billions	billions	hundred millions	ten millions	millions	hundred thousands	ten thousands	thousands	hundreds	tens	ones
5	7	7,	8	0	0,	0	0	0	0	0,	0	0	0	0
				9	2,	2	8	2,	0	0	0	0	0	0

The number 577,800,000,000,000 can be written in different ways.

**Standard form:** 577,800,000,000,000

**Word form:** five hundred seventy-seven trillion, eight hundred billion

**Short-word form:** 577 trillion, 800 billion

**Expanded form:**  $500,000,000,000,000 + 70,000,000,000,000 + 7,000,000,000,000 + 800,000,000,000$

1. Write the place and value for the underlined digit.  
7,656,871,228 \_\_\_\_\_

2. Write 32,600,009,000 in short-word form.

3. Write the number in word form and in standard form.  
 $9,000,000,000,000 + 8,000,000,000 + 6,000,000 + 5,000 + 1$

4. **Writing in Math** What is the value of the 7 in 568,971,433,009?  
Explain how you know.

# Place Value

Write the place and value for each underlined digit.

1. 45,287,521 \_\_\_\_\_

2. 5,621,392,835 \_\_\_\_\_

3. Write 7,208,972,001,010 in short-word form and in expanded form.  
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\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

4. Write 20 trillion, 310 billion, 670 million, 5 thousand in word form and in standard form.  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

5. **Number Sense** Write a 6-digit number with a 3 in the hundred thousands place, a 6 in the thousands place, a 0 in the tens place, and a 9 in the ones place.  
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## Test Prep

6. Which shows 76,111 written in expanded form?  
A.  $76,000 + 100 + 11$                       B.  $76,000 + 100 + 10 + 1$   
C.  $70,000 + 6,000 + 100 + 10 + 1$       D.  $70,000 + 6,100 + 10 + 1$

7. **Writing in Math** Write 45 million, 67 thousand in three different ways.  
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