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5.NBT.A.1 Completing Place Value Charts

5.NBT.A.1: Recognize that a digit in one place represents 10 times as much as in the place to its right.

1. Complete the place value chart with the following numbers.
   a. 250,000,000 + 305,000 + 74
   b. ninety-two million, five hundred fifteen thousand, eight hundred two
   c. 200,482,364,001
   d. 28,471,350,785
   e. 481,035,122
   f. thirty billion, one hundred two million, four hundred twenty-five thousand, thirty-nine

Answer:

Place Value Chart

No.	Billions			Millions			Thousands			Units		
a.												
b.												
c.												
d.												
e.												
f.												

2. Write each number in two other forms.

   a. 45,000,000 + 14,000,000 + 700,000 + 20,000 + 400 + 4
   b. eleven billion, sixty million, seven hundred one thousand, eighteen
   c. 13,875,018,500
   d. 301,005,746,004

Answers:

a.

b.

c.

d

3. The canned food market sold three and a half billion canned goods this year. It is expected to increase by 450 million in the next year. What will be the new number of sold canned goods? Write your answer in standard and word form.

Answer:

4. Which of these numbers is fifty billion, five hundred million, and fifteen?
   A. 50,050,000,150
   B. 50,500,000,050
   C. 50,500,000,015
   D. 5,500,050,000

Answer:

5. True or False: “If a number is less than a million, it must have at most 6 digits.”

Answer:

6. One hundred thousand is equal to:
   A. one-tenth of a million
   B. one-hundredth of a million
   C. hundred thousand tens
   D. hundred thousand hundreds

Answer:

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Answer Key

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1. Complete the place value chart with the following numbers.
   a. 250,000,000 + 305,000 + 74
   b. ninety-two million, five hundred fifteen thousand, eight hundred two
   c. 200,482,364,001
   d. 28,471,350,785
   e. 481,035,122
   f. thirty billion, one hundred two million, four hundred twenty-five thousand, thirty-nine

Answer:

Place Value Chart

No.	Billions			Millions			Thousands			Units		
a.				2	5	0	3	0	5	0	7	4
b.					9	2	5	1	5	8	0	2
c.	2	0	0	4	8	2	3	6	4	0	0	1
d.		2	8	4	7	1	3	5	0	7	8	5
e.				4	8	1	0	3	5	1	2	2
f.		3	0	1	0	2	4	2	5	0	3	9

2. Write each number in two other forms.

   a. 45,000,000 + 14,000,000 + 700,000 + 20,000 + 400 + 4
   b. eleven billion, sixty million, seven hundred one thousand, eighteen
   c. 13,875,018,500
   d. 301,005,746,004

Answers:

   a. 59,720,404; fifty-nine million, seven hundred twenty thousand, four hundred four
   b. 11,060,701,018; 10,000,000,000 + 1,000,000,000 + 60,000,000 + 700,000 + 1,000 + 10 + 8
   c. 10,000,000,000 + 3,000,000,000 + 800,000,000 + 70,000,000 + 5,000,000 + 10,000 + 8,000 + 500; thirteen billion, eight hundred seventy-five million, eighteen thousand, five hundred
   d 300,000,000,000 + 1,000,000,000 + 5,000,000 + 700,000 + 40,000 + 6,000 + 4; three hundred one billion, five million, seven hundred forty-six thousand, four

3. The canned food market sold three and a half billion canned goods this year. It is expected to increase by 450 million in the next year. What will be the new number of sold canned goods? Write your answer in standard and word form.

Answer:
3,950,000,000; three billion, nine-hundred fifty million

4. Which of these numbers is fifty billion, five hundred million, and fifteen?
   A. 50,050,000,150
   B. 50,500,000,050
   C. 50,500,000,015
   D. 5,500,050,000

Answer:
C. 50,500,000,015

5. True or False: "If a number is less than a million, it must have at most 6 digits."

Answer: True

6. One hundred thousand is equal to:
   A. one-tenth of a million
   B. one-hundredth of a million
   C. hundred thousand tens
   D. hundred thousand hundreds

Answer:
A. one-tenth of a million