

5.NBT.A.1 Place Value Through Billions

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

1. Use the place value chart to find the value of the underlined digit in each number.

Place Value Chart

Billions			Millions			Thousands			Units		

- a. 861,301
 b. 451,885,141
 c. 91,430
 d. 7,511,980,134
 e. 316,812,684,524
 f. 15,842,670

Answers:

- a.
b.
c.
d.
e.
f.

2. Write the number 845,743,108 in word form.

Answer:

3. Write each of the following in two other forms.

- a. $1,000,000,000 + 500,000,000 + 60,000,000 + 300,000 + 4,000 + 200 + 20 + 6$
 b. 13,872,146,007
 c. 8,084,004,607
 d three billion, two hundred seventy million, four hundred thirty-three thousand, five hundred sixteen.

Answer:

- a. _____
 b. _____
 c. _____
 d. _____

4. How many dimes are there in six hundred thirty-two million dollars? Write the number in standard and word form.

Answer:

5. Which of these numbers is thirty-three million, three hundred three thousand, and two hundred fifty?

- A. 33,303,250 B. 33,303,215 C. 33,330,250 D. 30,303,215

Answer:

6. What is the value of the underlined digit in number 451,042,602?

- A. 1,000,000 B. 1 C. 100,000 D. 0

Answer:

7. Two billions is equal to:

- A. 20 millions B. 2,000 millions C. 10 billions D. 10,000 millions

Answer:

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Answer Key

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1. Use the place value chart to find the value of the underlined digit in each number.

Place Value Chart

Billions			Millions			Thousands			Units		

- a. 861,301
 b. 451,885,141
 c. 91,430
 d. 7,511,980,134
 e. 316,812,684,524
 f. 15,842,670

Answers:

- a. 800,000
 b. 80,000
 c. 30
 d. 10,000,000
 e. 300,000,000,000
 f. 2,000

2. Write the number 845,743,108 in word form.

Answer: eight hundred forty-five million, seven hundred forty-three thousand, one hundred eight

3. Write each of the following in two other forms.

- a. $1,000,000,000 + 500,000,000 + 60,000,000 + 300,000 + 4,000 + 200 + 20 + 6$
 b. 13,872,146,007
 c. 8,084,004,607
 d three billion, two hundred seventy million, four hundred thirty-three thousand, five hundred sixteen.

Answer:

- a. 1,560,304,226; one billion, five hundred sixty million, three hundred four thousand, two hundred twenty-six
 thirteen billion, eight hundred seventy-two million, one hundred forty-six thousand, seven; $10,000,000,000 + 3,000,000,000 + 800,000,000 + 70,000,000 + 2,000,000 + 100,000 + 40,000 + 6,000 + 7$
 b. eight billion, eighty-four million, four thousand, six hundred seven; $8,000,000,000 + 80,000,000 + 4,000,000 + 4,000 + 600 + 7$
 c. $3,270,433,516; 3,000,000,000 + 200,000,000 + 70,000,000 + 400,000 + 30,000 + 3,000 + 500 + 10 + 6$
 d.

4. How many dimes are there in six hundred thirty-two million dollars? Write the number in standard and word form.

Answer: 6,320,000,000; six billion, three hundred twenty million

5. Which of these numbers is thirty-three million, three hundred three thousand, and two hundred fifty?

- A. 33,303,250 B. 33,303,215 C. 33,330,250 D. 30,303,215

Answer:

A. 33,303,250

6. What is the value of the underlined digit in number 451,042,602?

- A. 1,000,000 B. 1 C. 100,000 D. 0

Answer:

D. 0

7. Two billions is equal to:

- A. 20 millions B. 2,000 millions C. 10 billions D. 10,000 millions

Answer:

B. 2,000 millions