

BIG Numbers in English-ANSWERS

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Basically, there are three simple steps to reading large numbers.

1) The first step is reading small numbers.

5 five

50 fifty

500 five hundred

5000 five **thousand**

If we can read the numbers above, we can read any number from 0 (zero) to 1,000,000,000 (one billion).

2) The second step is understanding how the brain recognizes small groups.

How many circles are below?

○ ○ ○

We do not have to spend time counting each item one-by-one to recognize that there are three. Usually, the brain can immediately recognize groups of one, two, three, and four without counting one-by-one. As group sizes increase to five, six, or more, this immediate recognition becomes more difficult. We start counting one-by-one.

How many circles are here? ○ ○ ○ ○ ○ ○ ○ ○ ○ ○ Do you have to count each one?

How many circles are below?

○ ○ ○ ○ ○ ○

Again, it is easy to recognize that there are six without counting one-by-one. There are two groups of three, which makes six.

How many circles are below?

○ ○ ○ ○ ○ ○ ○ ○ ○

Three groups of three makes 9. We do not need to count the circles one-by-one. Grouping is very important.

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000 000 000
BILLION (nine zeros)

953,000,000,000 = nine hundred fifty-three billion

Can you write the numbers below?

953,656,254,566

Nine hundred fifty-three billion, six hundred fifty-six million, two hundred fifty-four thousand, five-hundred sixty-six

78,000,000,000

Seventy-eight billion

78,256,289,365

Seventy-eight billion, two hundred fifty-six million, two hundred eighty-nine thousand, three hundred sixty-five

2,365,785,333

Two billion, three-hundred sixty-five million, seven hundred eighty-five thousand, three hundred thirty-three

468,379,654,168

Four hundred sixty-eight billion, three hundred seventy-nine million, six hundred fifty-four thousand, one hundred sixty-eight

Now let's practice a few more.

A) 236,544 = *Two hundred thirty-six thousand, five hundred forty-four*

B) 95,634 = *Ninety-five thousand, six hundred thirty-four*

C) 45,436,898 = *Forty-five million, four hundred thirty-six thousand, eight hundred ninety-eight*

D) 2,686,954,523 = *Two billion, six hundred eighty-six million, nine hundred fifty-four thousand, five hundred twenty-three*

E) 135,846,325 = *One hundred thirty-five million, eight-hundred forty-six thousand, three hundred twenty-five*

F) 489,678,664,854 = *Four hundred eighty-nine billion, six hundred seventy-eight million, six hundred sixty-four thousand, eight hundred fifty-four*

G) 5,365,485 = *Five million, three hundred sixty-five thousand, four hundred eighty-five*

H) 76,684,456,816 = *Seventy-six billion, six hundred eighty-four million, four hundred fifty-six thousand, eight hundred sixteen*