

Module 1: Digits, Place Value, and Reading and Writing Numbers Homework Solutions (Page 1 of 2)

Answer the following questions.

1) Write down the place value of the digit 7 in the following numbers.

- | | |
|-----------------|---------------------|
| a) 947,025 | e) 0.007000 |
| one-thousands | one-thousandths |
| b) 306.007 | f) 0.065070 |
| one-thousandths | hundred-thousandths |
| c) 580.85670 | g) 9.871324 |
| ten-thousandths | hundredths |
| d) 657,289,634 | h) 6.0578238 |
| one-millions | one-thousandths |

2) Using the number below, identify the digit in the given place value.

20,546,318.72968467

- | | |
|----------------------|---|
| a) one-millions | 0 |
| b) ten-millionths | 6 |
| c) one-thousandths | 9 |
| d) hundred-thousands | 5 |
| e) hundreds | 3 |
| f) hundredths | 2 |
| g) one-millionths | 4 |
| h) ten-thousands | 4 |

3) Write each of the following numbers using words.

- a) 500,009
Five hundred thousand, nine.
- b) 0.0018
Eighteen ten-thousandths.
- c) 456,800
Four hundred fifty-six thousand, eight hundred.
- d) 0.00507
Five hundred seven hundred-thousandths.
- e) 13,000,060,105
Thirteen billion, sixty thousand, one hundred five.
- f) 0.08060
Eight thousand sixty hundred-thousandths.

4) Write each of the following numbers using digits.

- a) Seventy-five one-thousandths.
0.075
- b) One hundred eight million.
108,000,000.
- c) Sixteen ten-millionths.
0.0000016
- d) Thirty-three thousand.
33,000.
- e) Four million, six-hundred seventy-five.
4,000,675.
- f) Ninety million, two thousand, one hundred four.
90,002,104.

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For Exercises 5 – 10, write each of the numbers using words.

5) 687.05
Six hundred eighty-seven and five hundredths.

6) 1,000.001
One thousand and one one-thousandths.

7) 32,870,051.369
Thirty-two million, eight hundred seventy thousand, fifty-one and three hundred sixty-nine one-thousandths.

8) 50,000,090.0030
Fifty million, ninety and thirty ten-thousandths.

9) 304,000,000,000
Three hundred four billion.

10) 0.000050801
Fifty thousand, eight hundred one one-billionths.

For Exercises 11 – 16, write the number using digits.

11) Three and five hundredths.
3.05

12) Sixteen ten-thousandths.
0.0016

13) Four million and one one-thousandths.
4,000,000.001

14) Two hundred-thousandths.
0.00002

15) Nine thousand and nine hundred hundred-thousandths.
9,000.00900

16) Thirty-two thousand, eight hundred one-millionths.
0.032800