



## Place Value Assignment

8. Write each number in words.

a. 1,002.0050

b. 1,834.18

9. Write each number in standard form.

a. Eleven and three hundredths

b. Eighty-five one-thousandths

c. Two million, fifteen thousand, three hundred twenty-five.

Write the following numbers in standard form.

10.  $400,000 + 50,000 + 5,000 + 50 + 0.5 + 0.005$

11.  $2,000 + 10 + 4 + 0.1 + 0.01 + 0.003$

12.  $600,000,000 + 40,000 + 4,000 + 0.004$

13.  $30,000,000 + 900,000 + 10,000 + 0.5$

14.  $1,000 + 20 + 1 + 0.001 + 0.0009$

## Place Value Assignment

Write the following numbers in expanded form.

15. 56,004.0675

16. 3,498.633

17. 12.0041

18. 540,009,453.9985

19. What number has 9 tens and 6 less ones than tens?

20. What number has 6 thousands and 2 less hundreds than thousands?

21. John wrote down a three digit number and dared the class to guess what it was. See if you can guess the number. He gave them a few clues:

- The hundreds place digit is 5 greater than the ones place digit.
- The tens place digit is 2 greater than the ones place digit.
- The sum of all three places values is 10.

# Place Value Assignment

## ANSWERS

1. Underline the tens place.

- |               |                     |                    |
|---------------|---------------------|--------------------|
| a. 34.67      | b. 123,902.56       | c. 47,912.45       |
| <u>3</u> 4.67 | 123,9 <u>0</u> 2.56 | 47,9 <u>1</u> 2.45 |

2. Underline the ones place.

- |                 |                     |                    |
|-----------------|---------------------|--------------------|
| a. 123.07       | b. 123,902,901      | c. 9,875.467       |
| 12 <u>3</u> .07 | 123,902,90 <u>1</u> | 9,87 <u>5</u> .467 |

3. Underline the hundredths place.

- |                     |                    |                 |
|---------------------|--------------------|-----------------|
| a. 1,095.0123       | b. 6,982.901       | c. 0.8976       |
| 1,095.0 <u>1</u> 23 | 6,982.9 <u>0</u> 1 | 0.8 <u>9</u> 76 |

4. Write down the place value of the digit 5 in the following numbers.

- |                      |               |                        |
|----------------------|---------------|------------------------|
| a. 345,004.123       | b. 23,785.004 | c. 1,237.005           |
| <u>One-thousands</u> | <u>Ones</u>   | <u>One-thousandths</u> |

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

- |                      |                |               |
|----------------------|----------------|---------------|
| a. 1,456.023         | b. 679,002.109 | c. 994,310.99 |
| <u>One-thousands</u> | <u>Tenths</u>  | <u>Tens</u>   |

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

- |                     |                        |                         |
|---------------------|------------------------|-------------------------|
| a. 178,000,900.111  | b. 23,000.0007         | c. 700,000,000.001      |
| <u>Ten-millions</u> | <u>Ten-thousandths</u> | <u>Hundred-millions</u> |

# Place Value Assignment

7. Write the value of the underlined digit.

a. 2,151

Tens

50

b. 889,862,221

Hundred-millions

800,000,000

c. 123,009.05

Hundredths

0.05

8. Write each number in words.

a. 1,002.0050

One thousand, two and fifty ten-thousandths

b. 1,834.18

One thousand, eight hundred thirty-four and eighteen hundredths

9. Write each number in standard form.

a. Eleven and three hundredths

11.03

b. Eighty-five one-thousandths

0.085

c. Two million, fifteen thousand, three hundred twenty-five.

2,015,325

Write the following numbers in standard form.

10.  $400,000 + 50,000 + 5,000 + 50 + 0.5 + 0.005$

455,050.505

## Place Value Assignment

11.  $2,000 + 10 + 4 + 0.1 + 0.01 + 0.003$

$2,014.113$

12.  $600,000,000 + 40,000 + 4,000 + 0.004$

$600,044,000.004$

13.  $30,000,000 + 900,000 + 10,000 + 0.5$

$30,910,000.5$

14.  $1,000 + 20 + 1 + 0.001 + 0.0009$

$1,021.0019$

Write the following numbers in expanded form.

15.  $56,004.0675$

Value of 5 =  $5 * 10,000 = 50,000$

Value of 6 =  $6 * 1,000 = 6,000$

Value of 4 =  $4 * 1 = 4$

Value of 6 =  $6 * 0.01 = 0.06$

Value of 7 =  $7 * 0.001 = 0.007$

Value of 5 =  $5 * 0.0005 = 0.0005$

$56,004.0675 = 50,000 + 6,000 + 4 + 0.06 + 0.007 + 0.0005$

16.  $3,498.633$

Value of 3 =  $3 * 1,000 = 3,000$

Value of 4 =  $4 * 100 = 400$

Value of 9 =  $9 * 10 = 90$

Value of 8 =  $8 * 1 = 8$

Value of 6 =  $6 * 0.1 = 0.6$

Value of 3 =  $3 * 0.01 = 0.03$

Value of 3 =  $3 * 0.001 = 0.003$

$3,498.633 = 3,000 + 400 + 90 + 8 + 0.6 + 0.03 + 0.003$

## Place Value Assignment

**17. 12.0041**

Value of 1 =  $1 * 10 = 10$

Value of 2 =  $2 * 1 = 2$

Value of 4 =  $4 * 0.001 = 0.004$

Value of 1 =  $1 * 0.0001 = 0.0001$

$$12.0041 = 10 + 2 + 0.004 + 0.0001$$

**18. 540,009,453.9985**

Value of 5 =  $5 * 100,000,000 = 500,000,000$

Value of 4 =  $4 * 10,000,000 = 40,000,000$

Value of 9 =  $9 * 1,000 = 9,000$

Value of 4 =  $4 * 100 = 400$

Value of 5 =  $5 * 10 = 50$

Value of 3 =  $3 * 1 = 3$

Value of 9 =  $9 * 0.1 = 0.9$

Value of 9 =  $9 * 0.01 = 0.09$

Value of 8 =  $8 * 0.001 = 0.008$

Value of 5 =  $5 * 0.0001 = 0.0005$

$$540,009,453.9985 = 500,000,000 + 40,000,000 + 9,000 + 400 + 50 + 3 + 0.9 + 0.09 + 0.008 + 0.0005$$

**19. What number has 9 tens and 6 less ones than tens?****93****20. What number has 6 thousands and 2 less hundreds than thousands?****6,400****21. John wrote down a three digit number and dared the class to guess what it was. See if you can guess the number. He gave them a few clues:**

- The hundreds place digit is 5 greater than the ones place digit.
- The tens place digit is 2 greater than the ones place digit.
- The sum of all three places values is 10.

**631**