

Tuesday, September 20th

1. Write homework in your planner
 - Place Value of Decimals and Whole Numbers 2 sided
2. Today you will need
 - Folder
 - Notebook
 - Hmwk(What's the Value worksheet)
 - AM half sheet

What's the Value?

Write the place value of the circled number in each of the following problems. Choose from the following place value terms.

- | tens
thousands | hundreds
hundredths | ones
thousandths | tenths |
|-------------------|------------------------|---------------------|-------------|
| 1. 5(4)2.8 | tens | 11. 307.00(9) | thousandths |
| 2. 6.0(9)5 | hundredths | 12. 43(9)0.5 | tens |
| 3. 42.00(7) | thousandths | 13. 2(9).17 | ones |
| 4. (1)0.51 | tens | 14. 0.1(2) | hundredths |
| 5. 8963(7)82 | tenths | 15. (1)73.864 | hundreds |
| 6. (1)515.3 | thousands | 16. 0.35(8) | thousandths |
| 7. (2)46 | ones | 17. 3(1) | tenths |
| 8. 3.7(5)2 | hundredths | 18. (8)0.008 | tens |
| 9. 11.11(1) | thousandths | 19. 0(7) | tenths |
| 10. (5)55.55 | hundreds | 20. (7)352.061 | thousands |



Write the decimal numbers for the following word statements.

21. Three hundred ninety-one and seven tenths 391.7

22. Forty-eight hundredths 0.48

23. One thousand seven hundred sixteen and four hundred seventy-five thousandths 1,716.475

24. Twenty-eight and six hundredths 28.06

25. One hundred fifty-two thousandths 0.152

26. Nine and four tenths 9.4

27. Eleven and sixty-eight hundredths 11.68

28. Five thousand forty-three and one tenth 5,043.1

29. Seventeen hundredths 0.17

30. Two hundred eighty-one and six hundred ninety-five thousandths 281.695

Put the place value positions in the correct order with a partner

Billions	
Hundred Millions	
Ten Millions	
Millions	
Hundred Thousands	
Ten Thousands	
Thousands	
Hundreds	
Tens	
Ones	
Tenths	
Hundredths	
Thousandths	
Ten Thousandths	

0 # + 0 # + 0 # + 0,000

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Find the value of the following circled numbers.

1. $7, \textcircled{8}93.027 \rightarrow \underline{800}$
800,000

2. $9.4\textcircled{2}8 \rightarrow \underline{0.02}$
0.020

3. $81.\textcircled{5} \rightarrow \underline{0.5}$
00.5

4. $903.03\textcircled{7} \rightarrow \underline{0.007}$
1000

$$\text{\$ } 5 = 5.00$$

$$5.00$$

$$5.0$$

$$5.000$$

$$5.0000$$

$$5.00000$$

Expanded Form

Write the value for each number.

~~Ex.~~ (1.)

$$\begin{array}{r} 8.129 \\ + 0.020 \\ \hline 8.149 \end{array}$$

$$8 + 0.1 + 0.02 + 0.009$$

1. $30 + 4 + 0.1 + 0.03$

$$\begin{array}{r} \textcircled{2.} \quad 503.406 \\ \hline 500.000 \\ 3.000 \\ \hline 0.400 \\ + \\ 0.006 \\ \hline \end{array}$$

$$\star 500 + 3 + 0.4 + 0.006$$

③. 8,096.25

8,000.00

90.00

6.00

+ 0.20

0.05

$8,000 + 90 + 6 + 0.2 + 0.05$

Word Form

Write the number out in words.

EX. 5.06 = five and six hundredths

Change the digit. 9,034.82

In the tenths place to a 5

In the tens place to a 1

In the hundreds place to a 5

In the hundredths place to a 6

In the thousands place to a 7

In the ones place to a 2

Handwritten diagram showing the transformation of the number 9,034.82 into 7,512.56. The original number is written in red with green arrows pointing to the digits to be changed. The new number is written in green below it.

~~9,034.82~~ → 7,512.56

Partner work

Write the decimal in standard form.

- nine tenths 0.9
- eighty-five and nine tenths 85.9
- thirty-two hundredths 0.32
- one and three tenths 1.3
- eight tenths 0.8
- eighty-four and nine tenths 84.9
- forty-three hundredths 0.43
- seventy-five and seventy-seven hundredths 75.77
- three and eight tenths 3.8
- forty-seven and two tenths 47.2
- sixty hundredths 0.60
- five and seven hundredths 5.07

O N E S	• D E C I M A L	T E N T H S	H U N D R E D T H S
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