

Name : \_\_\_\_\_ Score : \_\_\_\_\_

Teacher : \_\_\_\_\_ Date : \_\_\_\_\_

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Write the Place and Value of Each Number.

1 )    9,598.534    What place is the selected digit in? \_\_\_\_\_  
                <sup>^</sup>                      What is the value of the selected digit? \_\_\_\_\_

2 )    4,143.589    What place is the selected digit in? \_\_\_\_\_  
                <sup>^</sup>                      What is the value of the selected digit? \_\_\_\_\_

3 )    2,422.369    What place is the selected digit in? \_\_\_\_\_  
                <sup>^</sup>                      What is the value of the selected digit? \_\_\_\_\_

4 )    4,857.527    What place is the selected digit in? \_\_\_\_\_  
                <sup>^</sup>                      What is the value of the selected digit? \_\_\_\_\_

5 )    2,661.793    What place is the selected digit in? \_\_\_\_\_  
                <sup>^</sup>                      What is the value of the selected digit? \_\_\_\_\_

6 )    4,593.294    What place is the selected digit in? \_\_\_\_\_  
                <sup>^</sup>                      What is the value of the selected digit? \_\_\_\_\_

7 )    8,993.667    What place is the selected digit in? \_\_\_\_\_  
                <sup>^</sup>                      What is the value of the selected digit? \_\_\_\_\_

8 )    4,936.752    What place is the selected digit in? \_\_\_\_\_  
                <sup>^</sup>                      What is the value of the selected digit? \_\_\_\_\_

9 )    1,573.142    What place is the selected digit in? \_\_\_\_\_  
                <sup>^</sup>                      What is the value of the selected digit? \_\_\_\_\_

10 )    5,195.463    What place is the selected digit in? \_\_\_\_\_  
                <sup>^</sup>                      What is the value of the selected digit? \_\_\_\_\_

Name : \_\_\_\_\_

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Write the Place and Value of Each Number.

1 )    27,472.271    What place is the selected digit in? \_\_\_\_\_  
                          ^  
                          What is the value of the selected digit? \_\_\_\_\_

2 )    32,199.448    What place is the selected digit in? \_\_\_\_\_  
                          ^  
                          What is the value of the selected digit? \_\_\_\_\_

3 )    37,438.782    What place is the selected digit in? \_\_\_\_\_  
                          ^  
                          What is the value of the selected digit? \_\_\_\_\_

4 )    92,215.927    What place is the selected digit in? \_\_\_\_\_  
                          ^  
                          What is the value of the selected digit? \_\_\_\_\_

5 )    47,165.753    What place is the selected digit in? \_\_\_\_\_  
                          ^  
                          What is the value of the selected digit? \_\_\_\_\_

6 )    76,547.584    What place is the selected digit in? \_\_\_\_\_  
                          ^  
                          What is the value of the selected digit? \_\_\_\_\_

7 )    51,794.496    What place is the selected digit in? \_\_\_\_\_  
                          ^  
                          What is the value of the selected digit? \_\_\_\_\_

8 )    45,184.439    What place is the selected digit in? \_\_\_\_\_  
                          ^  
                          What is the value of the selected digit? \_\_\_\_\_

9 )    43,865.275    What place is the selected digit in? \_\_\_\_\_  
                          ^  
                          What is the value of the selected digit? \_\_\_\_\_

10 )    59,953.199    What place is the selected digit in? \_\_\_\_\_  
                          ^  
                          What is the value of the selected digit? \_\_\_\_\_

# Decimal Place Value Chart (A)

Name: \_\_\_\_\_

Date: \_\_\_\_\_

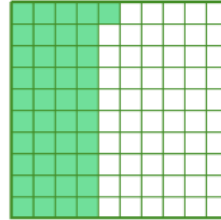
Hundred Thousands <small>100,000</small>	Ten Thousands <small>10,000</small>	Thousands <small>1,000</small>	Hundreds <small>100</small>	Tens <small>10</small>	Ones <small>1</small>	Decimal	Tenths <small>0.1</small>	Hundredths <small>0.01</small>	Thousandths <small>0.001</small>
						.			
						.			
						.			
						.			
						.			
						.			
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						.			
						.			
						.			
						.			

## Powers of Tens & Decimals HW

Note: Don't forget, if you MULTIPLY, move the decimal to the RIGHT. If you, divide move the decimal to LEFT.

1)  $100 \times 0.07 =$  \_\_\_\_\_

What decimal number is illustrated?

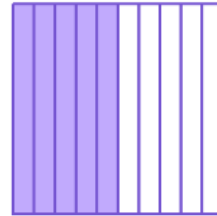


2)  $10 \times 0.193 =$  \_\_\_\_\_

3)  $1000 \div 2391 =$  \_\_\_\_\_

What decimal number is illustrated?

4)  $100 \div 34.86 =$  \_\_\_\_\_



In 7,293.46, in which place is the 6?

hundreds

tens

hundredths

tenths

In 74.258, in which place is the 4?

ones

tenths

thousandths

hundredths

# Multiplying and Dividing by 10, 100 and 1000

Use your number cards and template worksheet to help you answer these questions:

- c)  $5.43 \times 10 =$
- d)  $34.1 \times 100 =$
- e)  $32 \times 100 =$
- f)  $1.234 \times 100 =$
- g)  $3.2 \times 1000 =$
- h)  $0.32 \times 1000 =$
- i)  $0.001 \times 1000 =$

- l)  $0.2 \div 10 =$
- m)  $432 \div 100 =$
- n)  $121.3 \div 100 =$
- o)  $0.2 \div 100 =$

p)  $3234 \div 1000 =$

- s)  $0.003 \times 10 =$
- t)  $32.003 \times 100 =$
- u)  $399.9 \div 10 =$
- v)  $3.333 \times 1000 =$
- w)  $87230 \div 1000 =$
- x)  $0.203 \times 100 =$
- y)  $0.001 \times 10\,000 =$
- z)  $132.345 \div 1000 =$

*Make sure  
to show your  
work!*



Solve each question. Remember, when you MULTIPLY, move the decimal to the RIGHT. When you DIVIDE, move the decimal to the LEFT.

1)  $63.450 \times 100 =$

2)  $63.450 \div 100 =$

3)  $63.450 \times 10 =$

4)  $713.9821 \times 1000 =$

5)  $713.9821 \div 1000 =$

6)  $713.9821 \times 100 =$

7)  $713.9821 \div 10000 =$

8)  $713.9821 \times 100000 =$