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**DIVIDING DECIMALS BY POWERS OF TEN WORKSHEET-III**

1) Which of the following is the value of  $144.7 \div 100$

- a) 14.47
- b) 1447
- c) 1.447
- d) 0.1447

2) Fill in the blank with a correct decimal number.

$$1232.6 \div 100 = \underline{\hspace{2cm}}$$

3) If we divide 1375.2 by 10, then the quotient is \_\_\_\_ .

4) Which of the following given below is equal to 3.5678?

- a)  $35678 \div 1000$
- b)  $3567.8 \div 10$
- c)  $356.78 \div 100$

5) Which of the following division equation(s) is/are correct?

- a)  $2.2 \div 100 = 0.22$
- b)  $22 \div 10 = 0.22$
- c)  $2.22 \div 10 = 0.222$



6) Divide:

- a)  $1008.02 \div 100$
- b)  $118.8 \div 1000$

- 7) The area of a rectangular park is  $18170.5 \text{ m}^2$ . If its width is 100 meters then find the value of its length in meters.



- 8) Fill in the blank:  $10.21 \div \underline{\hspace{1cm}} = 1.021$
- 9) Which is greater?  $507 \div 10$  OR  $570 \div 10$
- 10) The number 1301.9 should be divided by what number so that the answer is 13.019?

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- Gary Schwartz

"Cuemath is great because my son has a one-on-one interaction with the teacher. The instructor has developed his confidence and I can see progress in his work. One-on-one interaction is perfect and a great bonus."

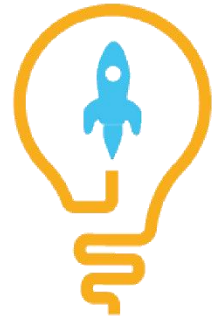
- Kirk Riley

"I appreciate the effort that miss Nitya puts in to help my daughter understand the best methods and to explain why she got a problem incorrect. She is extremely patient and generous with Miranda."

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**ANSWERS**

1)	c)
2)	12.326
3)	137.52
4)	c)
5)	c)
6)	a) 10.0802 b) 0.1188
7)	181.705
8)	10
9)	$570 \div 10$
10)	100

## FUN FACT

1. Each digit to the left of a decimal point, its place value is ten times greater than the previous place value
2. The prefix "deci" in the word "DECIMAL" means ten.
3. When a decimal number is divided by 1000 then the decimal point is shifted three digits towards left.

