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## DIVIDING DECIMALS BY POWERS OF TEN WORKSHEET-I

1) Divide:

a)  $16.72 \div 10000$

b)  $10.6 \div 100$

2) Fill the missing money amount.

$$\begin{array}{r} \$ \boxed{\phantom{0000}} \\ 10 \overline{) \$ 68.52} \end{array}$$

3) Sam drives his car at a distance of 567 miles in 10 hours at a constant speed. Find the speed of the car.



4) The number 1254.7 should be divided by what number so that the answer is 1.2547?

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

$5132.6 \div 100000 = \underline{\hspace{2cm}}$

6) Fill in the blank:  $108.1 \div \underline{\hspace{1cm}} = 0.01081$

7) If we divide 147855.2 by 10000, then the quotient is \_\_\_\_\_.

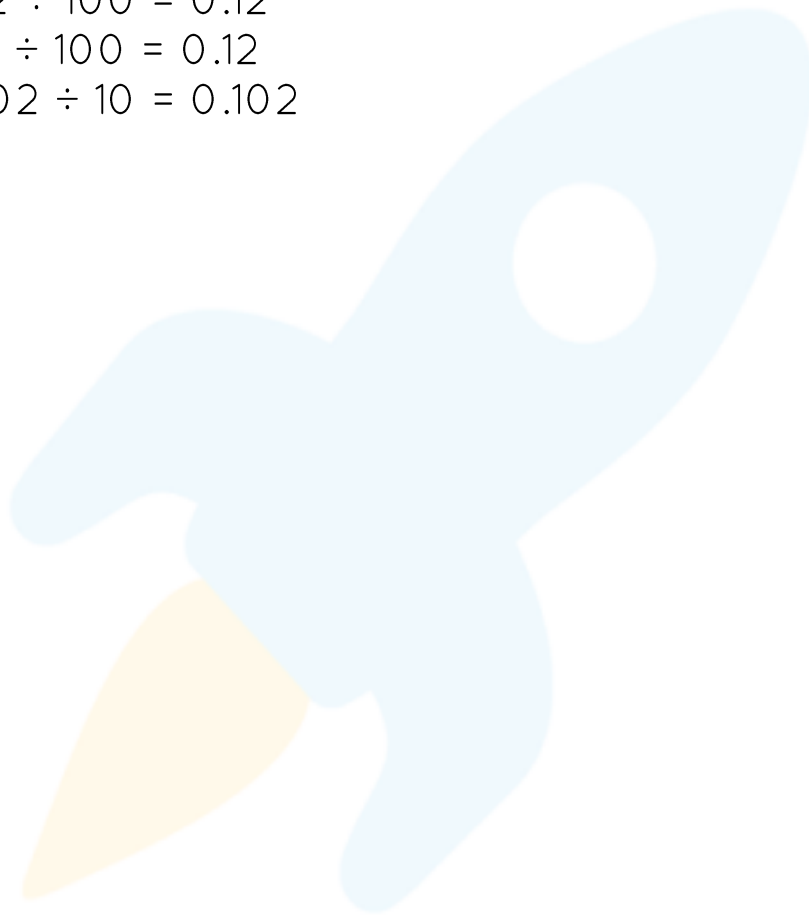
8) Which is greater?  $517 \div 100$  OR  $5170 \div 10000$ .

9) Which of the following is the value of  $502.7 \div 10000$

- a) 50.27
- b) 0.5027
- c) 50270
- d) 0.05027

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

- a)  $1.2 \div 100 = 0.12$
- b)  $12 \div 100 = 0.12$
- c)  $1.02 \div 10 = 0.102$



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"Cuemath is a valuable addition to our family. We love solving puzzle cards. My daughter is now visualizing maths and solving problems effectively!"

- 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."

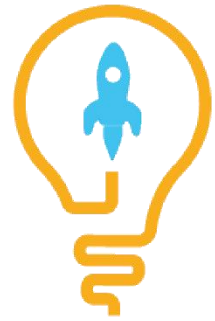
- Kirk Riley

"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."

- Barbara Cabrera

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**ANSWERS**

1)	a) 0.001672 b) 0.106
2)	6.852
3)	56.7 miles per hour
4)	1000
5)	0.051326
6)	10000
7)	14.78552
8)	$517 \div 100 (= 5.17)$ is greater.
9)	d)
10)	b) and c)

## 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 10 then the decimal point is shifted one digit towards left.

