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## Multiplying and Dividing Decimals Worksheets

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

$$1.5 \div 0.2 = \underline{\hspace{2cm}}$$

2) The product of 1.5 and 6.5 is \_\_\_\_.

3) Fill the missing quotient in the long division given below.

$$\begin{array}{r} \boxed{\phantom{0000}} \\ 2.5 \overline{) 25.5} \end{array}$$

4) Select any two numbers from the list shown below such that their product will be 1

0.4, 1.2, 0.8, 3.9, 2.5

5) What number should be divided by 55.25 so that the answer is 8.5?

6) Fill the missing answer of the product of 2.71 and 10 given below.

$$\begin{array}{r} 2.71 \\ \times 10 \\ \hline \boxed{\phantom{0000}} \end{array}$$

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

a)  $0.8 \div 0.2 = 4$

b)  $0.2 \div 100 = 0.02$

c)  $0.2 \div 10 = 0.02$

d)  $0.8 \div 0.2 = 0.4$

8) Which of the following product given below gives an integer value:

a)  $0.01 \times 10$

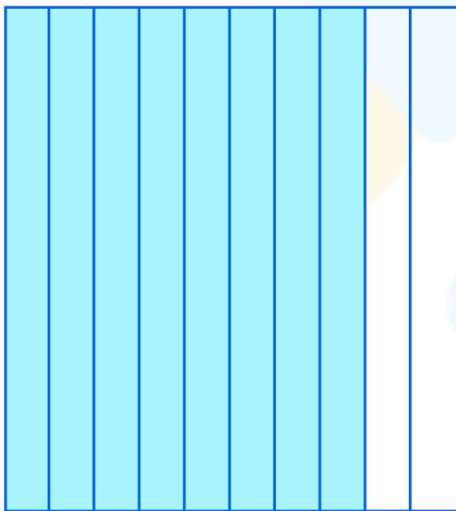
b)  $2.13 \times 20$

c)  $0.06 \times 100$

d)  $0.234 \times 100$

9) James was riding a bike with a constant speed of 31.1 miles per hour and he covered a distance of 80.86 miles.  
Calculate the time taken by him.

10) Show the decimal number 0.8 by shading the model given below.



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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."

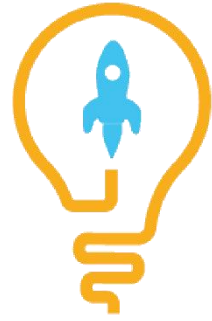
- Kirk Riley

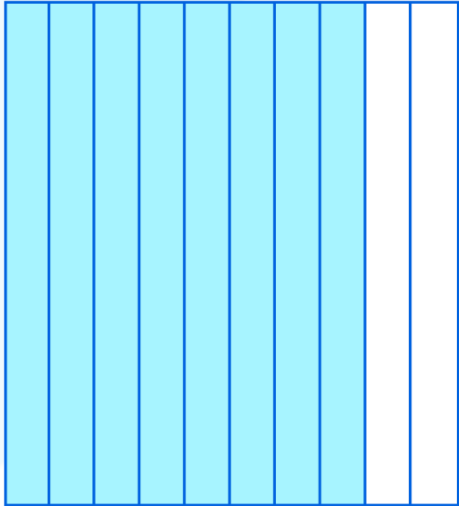
"I appreciate the effort that miss Nitya puts in to help my daughter understand the best methods and to explain why she got a problem incorrect. She is extremely patient and generous with Miranda."

- Barbara Cabrera

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**ANSWERS**

1)	7.5
2)	9.75
3)	10.2
4)	0.4 and 2.5
5)	6.5
6)	27.1
7)	a), c)
8)	c) $0.06 \times 100 = 6$
9)	2.6 hours
10)	

## FUN FACT

1. Multiplication of two decimal numbers can be an integer.
2. Division of two decimal numbers can be an integer.
3. The digits that are at the right of the decimal point represent the fractional part of a decimal number.

