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For Grades 1 - 10



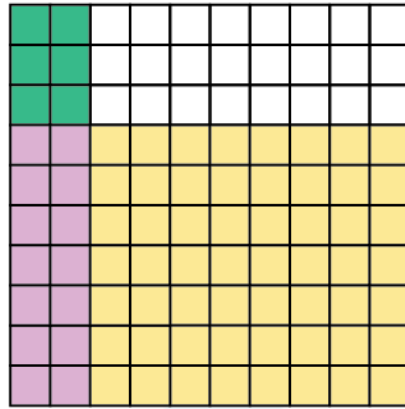
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Multiplying Decimals by whole numbers Worksheet 4

1. Complete the problems using the area model already provided.



$$0.2 \times 0.7 = \boxed{}$$

2. In the number 2009.676, what digit is in the tenths place? In the number 2099.879, what digit is in the thousandths place?
3. Jessica weighs 25 kg, his older brother is 3.2 times as heavy. How much does his older brother weigh?
4. Mr. Donald bought 25.60 meters of fabric to tailor curtains. He bought a fabric on sale for \$7 per meter, how much did Mr. Donald spend?

5. Ryan buys 1,700 liters of green paint and 2,500 liters of red paint. If the green paint is \$12 a liter and the red paint is \$14 a liter, how much does Ryan spend on paint?



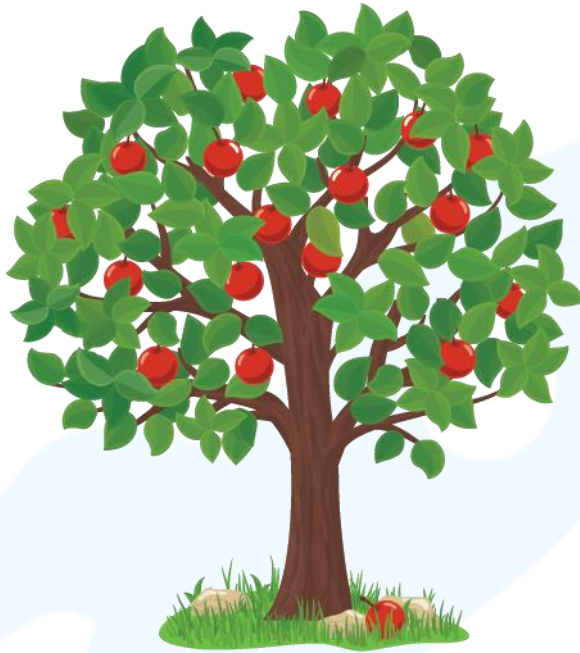
6. Jennifer weighs 17.6 kg, his older brother is 8 times as heavy. How much does his older brother weigh?

7. Ron bought 10 meters of fabric to make curtains. He bought a fabric on sale for \$6.29 per meter, how much did Ron spend?

8. Joey buys 5 liters of green paint and 4 liters of pink paint. If the green paint is \$12.95 a liter and the pink paint is \$14.95 a liter, how much does Joey spend on paint?

9. Objects weigh 3 times on Jupiter as much as they weigh on Earth. How much would a 6.2 pound chair weigh on Jupiter?

10. 600 apples were plucked from trees and were stored in a barrel. Each apple weighs about 0.75 pounds. What is the approximate weight of the apples in the barrel?



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in an interesting way,
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Why choose Cuemath?

"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."

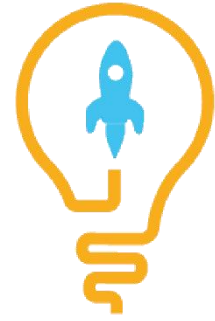
- Kirk Riley

"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)	0.14
2)	Digit in the tenths place - 6 Digit in the thousandths place - 9
3)	80 kg
4)	\$79.20
5)	\$55.4
6)	140.8
7)	\$62.9
8)	\$124.55
9)	18.6 pounds
10)	450 pounds

FUN FACT

1. The use of the modern decimal point was made a standard in England in 1619.
2. On multiplying a decimal by 10, you can simply move the decimal place to the right.
3. Some decimals like $1/3 = 0.333\dots$ goes on forever where the '...' means that the 3s will never end.

