	Multiplying Decimals Name:			
Solve	Solve each problem. Answers			
Ex)	A industrial machine uses 0.8 of a meter of thread to make a full size towel. If a smaller towel takes 0.12 the amount of a full size towel, how much thread does a small towel take?	Ex. <b>0.096</b>		
1)	A bakery used 3 cups of flour to make a full size cake. If they wanted to make a cake that was 0.4 the size, how many cups of flour would they need?	1.   2.		
2)	A bowl of cereal had 2.9 grams of sugar in it. If Will ate 4 bowls a week, how many grams of sugar would he have eaten?	3.   4.		
3)	A country road was 3.04 miles long. If 0.8 of it was paved with cement how long was the paved part?	5		
4)	An old wooden post was 2.3 meters long. If you were to cut off 0.8 of it, how much would you have cut off?	7.		
5)	It takes 0.7 of a box of nails to build a bird house. If you wanted to build 4 bird houses, how much would you need?	8 9		
6)	On Monday Will picked up 0.8 of a kilogram of cans to recycle. On Tuesday he picked up 0.16 that amount. How much did Will pick up on Tuesday?	10		
7)	A restaurant had 2 full boxes of spoons. If each full box weighed 2.8 kilograms, what is the combined weight of the boxes the restaurant has?			
8)	An industrial dishwasher takes 3.62 liters of water to wash a full load of dishes. If you were to wash 2 full loads, how much water would you use?			
9)	A baby frog weighed 4.50 grams. After a month it was 4.49 times as heavy, how much did the frog weigh after a month?			
10)	A single box of thumb tacks weighed 3.3 grams. If a teacher had 2.6 boxes, how much would their combined weight be?			

Math

	Multiplying Decimals Name: A	nswer Key
Solv	Answers	
Ex)	A industrial machine uses 0.8 of a meter of thread to make a full size towel. If a smaller towel takes 0.12 the amount of a full size towel, how much thread does a small towel take?	Ex. <b>0.096</b>
		1. <b>1.2</b>
1)	A bakery used 3 cups of flour to make a full size cake. If they wanted to make a cake that was 0.4 the size, how many cups of flour would they need?	2
2)		3. <b>2.432</b>
	A bowl of cereal had 2.9 grams of sugar in it. If Will ate 4 bowls a week, how many grams of sugar would he have eaten?	4. <b>1.84</b>
3)	A country road was 3.04 miles long. If 0.8 of it was paved with cement how long was the paved part?	5
		6. <b>0.128</b>
4)	An old wooden post was 2.3 meters long. If you were to cut off 0.8 of it, how much would you have cut off?	7. <b>5.6</b>
		8. 7.24
5)	It takes 0.7 of a box of nails to build a bird house. If you wanted to build 4 bird houses, how much would you need?	9. <b>20.205</b>
		10. <b>8.58</b>
6)	On Monday Will picked up 0.8 of a kilogram of cans to recycle. On Tuesday he picked up 0.16 that amount. How much did Will pick up on Tuesday?	
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