	Solving Decimal Word Problems with Power of Ten Name:	
Solv	e each problem. Include as many decimal places as possible.	<u>Answers</u>
1)	The cost to ship a single box across country is \$13.27. If a company shipped 1,000 boxes	
	over the course of a year, how much did they spend on shipping?	1.
2)	A typical business card is 0.298 mm thick. If a company ordered 1,000 business cards and	2.
-,	placed them all into a single stack how tall would the stack be (in mm)?	
		3.
3)	A ticket to the carnival cost \$4.20. If there is going to be an estimated 10,000 people	4.
	attending the carnival, how much money will be made in ticket sales?	
		5.
4)	An orchard owner is buying 8.01 acres of land to plant more trees. He figures he will plant	
	1,000 trees per acre. How many trees will he plant on his new land?	6.
5)	A spoonful of ice cream contains 0.006 mg of iron. How much iron would you consume if	7.
5)	you ate 100 spoonfuls?	
	you and 100 spoom who.	8.
6)	A toy company paid \$8,098.30 for a 30 second TV ad. Later they learned that an estimated	9.
	1,000 children had viewed the ad. How much money did they pay per viewer?	
		10.
7)	Haley's mom decided to wallpaper the living room. At the store, the wallpaper was selling	
	for \$19.63 for a roll with 100 linear feet. What is the price per linear foot of the wallpaper?	11
8)	An electrician paid \$227.30 total for 1,000 feet of wire. How much does he pay per foot of	12
	wire?	
0)	A har of 100 days and the 70 00 seems of Harmon and the same of th	
9)	A bag of 100 cherries weighs 76.68 ounces. How many ounces does each cherry weigh?	
4.0.		
10)	At the hardware store Debby bought a box with 100 nails and paid \$4.24 total. What is the	
	price per nail?	
11)	Kaleb's water bill this month was \$18.43. Looking at the water bill, it says he used exactly	
	10,000 gallons of water. How much does he pay per gallon of water used?	

Math

1,000 linear feet of paper for \$7.80. What is the price per linear foot?

12) Carol was looking on the internet for packing paper. She found a seller that was offering

