Solving Decimal Word Problems with Power of Ten	Name:
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Solv	e each problem. Include as many decimal places as possible.	Answers
1)	A ticket to the carnival cost \$4.70. If there is going to be an estimated 10,000 people	<u>1115 w c1 5</u>
	attending the carnival, how much money will be made in ticket sales?	1
2)	A toy company paid \$8,629.99 for a 30 second TV ad. Later they learned that an estimated 1,000 children had viewed the ad. How much money did they pay per viewer?	2
		3
3)	An orchard owner is buying 6.15 acres of land to plant more trees. He figures he will plant 10 trees per acre. How many trees will he plant on his new land?	4
4)	An internet company offers internet service with a cap of 1,000 gb for \$40.40 per month. What is the price per gb?	5
		6
5)	An electrician paid \$36.84 total for 100 feet of wire. How much does he pay per foot of wire?	7
		8
6)	A fair food booth was having a sell on burger combos. Each combo cost \$6.04. If they estimate they will sell 1,000 combos over the course of the fair, how much money will they make?	9
		10
7)	At the hardware store Bianca bought a box with 1,000 nails and paid \$40.12 total. What is the price per nail?	11
8)	John has put 100 hours into playing an online video game. He has paid \$80.58 over the course of the entire game. How much did he pay per hour played?	12
9)	Vanessa was looking on the internet for packing paper. She found a seller that was offering 100 linear feet of paper for \$3.35. What is the price per linear foot?	
10)	Cody's water bill this month was \$16.13. 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?	
11)	A candy store in the mall orders 1,000 boxes of candy a month. Each box of candy weighs 36.8 grams. What is the total weight (in grams) of the candy the store orders?	
12)	Rachel's mom decided to wallpaper the living room. At the store, the wallpaper was selling for \$15.17 for a roll with 100 linear feet. What is the price per linear foot of the wallpaper?	

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2)	An anthone service of 15 areas of land to alore trace. He former he will alore	3	61.5
3)	10 trees per acre. How many trees will he plant on his new land?	4 5.	0.36842
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