



**Solve each problem. Include as many decimal places as possible.**

**Answers**

- 1) A ticket to the carnival cost \$9.20. If there is going to be an estimated 10,000 people attending the carnival, how much money will be made in ticket sales?
- 2) At the hardware store Sarah bought a box with 1,000 nails and paid \$20.08 total. What is the price per nail?
- 3) A toy company paid \$4,854.52 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?
- 4) Paul's water bill this month was \$21.05. 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?
- 5) An orchard owner is buying 9.87 acres of land to plant more trees. He figures he will plant 100 trees per acre. How many trees will he plant on his new land?
- 6) A spoonful of ice cream contains 0.009 mg of iron. How much iron would you consume if you ate 10 spoonfuls?
- 7) An internet company offers internet service with a cap of 100 gb for \$9.45 per month. What is the price per gb?
- 8) Tom has put 100 hours into playing an online video game. He has paid \$31.61 over the course of the entire game. How much did he pay per hour played?
- 9) Carol's mom decided to wallpaper the living room. At the store, the wallpaper was selling for \$18.19 for a roll with 100 linear feet. What is the price per linear foot of the wallpaper?
- 10) A round trip from Katie's house to the grocery store is 8.30 miles. Katie estimates since she moved into her house she has gone 100 times. How many miles would that mean Katie has travelled?
- 11) A candy store in the mall orders 1,000 boxes of candy a month. Each box of candy weighs 42.0 grams. What is the total weight (in grams) of the candy the store orders?
- 12) A bag of 1,000 cherries weighs 774.62 ounces. How many ounces does each cherry weigh?

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Answers1. 92,0002. 0.020083. 4.854524. 0.0021055. 9876. 0.097. 0.09458. 0.31619. 0.181910. 83011. 42,00012. 0.77462