



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

- 1) An internet company offers internet service with a cap of 1,000 gb for \$90.81 per month. What is the price per gb?
- 2) An orchard owner is buying 8.77 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?
- 3) At the hardware store Lana bought a box with 100 nails and paid \$4.40 total. What is the price per nail?
- 4) Maria's mom decided to wallpaper the living room. At the store, the wallpaper was selling for \$15.67 for a roll with 100 linear feet. What is the price per linear foot of the wallpaper?
- 5) A bag of 1,000 cherries weighs 753.75 ounces. How many ounces does each cherry weigh?
- 6) A ticket to the carnival cost \$4.80. If there is going to be an estimated 10,000 people attending the carnival, how much money will be made in ticket sales?
- 7) The cost to ship a single box across country is \$14.86. If a company shipped 1,000 boxes over the course of a year, how much did they spend on shipping?
- 8) A typical business card is 0 mm thick. If a company ordered 100 business cards and placed them all into a single stack how tall would the stack be (in mm)?
- 9) Nancy was looking on the internet for packing paper. She found a seller that was offering 100 linear feet of paper for \$2.79. What is the price per linear foot?
- 10) A candy store in the mall orders 100 boxes of candy a month. Each box of candy weighs 40.2 grams. What is the total weight (in grams) of the candy the store orders?
- 11) A toy company paid \$86,852.08 for a 30 second TV ad. Later they learned that an estimated 10,000 children had viewed the ad. How much money did they pay per viewer?
- 12) Jerry's water bill this month was \$17.68. 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?

**Answers**

1. \_\_\_\_\_

2. \_\_\_\_\_

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11. \_\_\_\_\_

12. \_\_\_\_\_



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Answers

1. 0.09081
2. 87.7
3. 0.044
4. 0.1567
5. 0.75375
6. 48,000
7. 14,860
8. 25.5
9. 0.0279
10. 4,020
11. 8.685208
12. 0.001768