



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

Answers

- 1) Henry's water bill this month was \$21.24. 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?
- 2) Janet's mom decided to wallpaper the living room. At the store, the wallpaper was selling for \$11.18 for a roll with 100 linear feet. What is the price per linear foot of the wallpaper?
- 3) A fair food booth was having a sell on burger combos. Each combo cost \$5.27. If they estimate they will sell 1,000 combos over the course of the fair, how much money will they make?
- 4) The cost to ship a single box across country is \$11.25. If a company shipped 100 boxes over the course of a year, how much did they spend on shipping?
- 5) Lana was looking on the internet for packing paper. She found a seller that was offering 1,000 linear feet of paper for \$6.71. What is the price per linear foot?
- 6) A spoonful of ice cream contains 0.007 mg of iron. How much iron would you consume if you ate 100 spoonfuls?
- 7) An internet company offers internet service with a cap of 1,000 gb for \$20.18 per month. What is the price per gb?
- 8) An electrician paid \$561.71 total for 1,000 feet of wire. How much does he pay per foot of wire?
- 9) A bag of 1,000 cherries weighs 781.56 ounces. How many ounces does each cherry weigh?
- 10) A typical business card is 0.291 mm thick. If a company ordered 10,000 business cards and placed them all into a single stack how tall would the stack be (in mm)?
- 11) A ticket to the carnival cost \$7.00. If there is going to be an estimated 10,000 people attending the carnival, how much money will be made in ticket sales?
- 12) A candy store in the mall orders 1,000 boxes of candy a month. Each box of candy weighs 40.9 grams. What is the total weight (in grams) of the candy the store orders?

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**Answers**1. **0.002124**2. **0.1118**3. **5,270**4. **1,125**5. **0.00671**6. **0.7**7. **0.02018**8. **0.56171**9. **0.78156**10. **2,910**11. **70,000**12. **40,900**