

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

- 1) A candy store in the mall orders 100 boxes of candy a month. Each box of candy weighs 50.7 grams. What is the total weight (in grams) of the candy the store orders?
- 2) An electrician paid \$587.54 total for 1,000 feet of wire. How much does he pay per foot of wire?
- 3) A toy company paid \$73,258.56 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?
- 4) A fair food booth was having a sell on burger combos. Each combo cost \$6.49. If they estimate they will sell 10,000 combos over the course of the fair, how much money will they make?
- 5) The cost to ship a single box across country is \$11.97. If a company shipped 100 boxes over the course of a year, how much did they spend on shipping?
- 6) Olivia was looking on the internet for packing paper. She found a seller that was offering 100 linear feet of paper for \$3.23. What is the price per linear foot?
- 7) At the hardware store Maria bought a box with 1,000 nails and paid \$30.30 total. What is the price per nail?
- 8) Amy's mom decided to wallpaper the living room. At the store, the wallpaper was selling for \$16.60 for a roll with 100 linear feet. What is the price per linear foot of the wallpaper?
- 9) An orchard owner is buying 6.97 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?
- 10) A bag of 100 cherries weighs 66.49 ounces. How many ounces does each cherry weigh?
- 11) A spoonful of ice cream contains 0 mg of iron. How much iron would you consume if you ate 100 spoonfuls?
- 12) Luke'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?

1. _____
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11. _____
12. _____



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Answers

1. **5,070**
2. **0.5875408**
3. **7.325856**
4. **64,900**
5. **1,197**
6. **0.0323**
7. **0.0303**
8. **0.166**
9. **69.7**
10. **0.6649**
11. **0.9**
12. **0.001843**