

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

- 1) An electrician paid \$379.91 total for 1,000 feet of wire. How much does he pay per foot of wire?
- 2) A bag of 1,000 cherries weighs 676.03 ounces. How many ounces does each cherry weigh?
- 3) Billy has put 100 hours into playing an online video game. He has paid \$78.28 over the course of the entire game. How much did he pay per hour played?
- 4) Carol was looking on the internet for packing paper. She found a seller that was offering 1,000 linear feet of paper for \$3.11. What is the price per linear foot?
- 5) A toy company paid \$78,154.67 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?
- 6) An internet company offers internet service with a cap of 100 gb for \$7.70 per month. What is the price per gb?
- 7) At the hardware store Lana bought a box with 100 nails and paid \$2.16 total. What is the price per nail?
- 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) The cost to ship a single box across country is \$14.84. If a company shipped 100 boxes over the course of a year, how much did they spend on shipping?
- 10) Paul's water bill this month was \$21.41. 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 round trip from Janet's house to the grocery store is 2.10 miles. Janet estimates since she moved into her house she has gone 100 times. How many miles would that mean Janet has travelled?
- 12) A candy store in the mall orders 1,000 boxes of candy a month. Each box of candy weighs 57.3 grams. What is the total weight (in grams) of the candy the store orders?

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Answers

1. **0.3799136**
2. **0.67603**
3. **0.7828**
4. **0.00311**
5. **7.815467**
6. **0.077**
7. **0.0216**
8. **30.1**
9. **1,484**
10. **0.002141**
11. **210**
12. **57,300**