

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

- 1) An electrician paid \$281.88 total for 1,000 feet of wire. How much does he pay per foot of wire?
- 2) A candy store in the mall orders 1,000 boxes of candy a month. Each box of candy weighs 48.9 grams. What is the total weight (in grams) of the candy the store orders?
- 3) Debby was looking on the internet for packing paper. She found a seller that was offering 100 linear feet of paper for \$3.55. What is the price per linear foot?
- 4) The cost to ship a single box across country is \$12.56. If a company shipped 100 boxes over the course of a year, how much did they spend on shipping?
- 5) Jerry has put 100 hours into playing an online video game. He has paid \$91.56 over the course of the entire game. How much did he pay per hour played?
- 6) A round trip from Paige's house to the grocery store is 9.90 miles. Paige estimates since she moved into her house she has gone 1,000 times. How many miles would that mean Paige has travelled?
- 7) An orchard owner is buying 4.83 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?
- 8) A toy company paid \$99,439.76 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?
- 9) At the hardware store Maria bought a box with 1,000 nails and paid \$40.36 total. What is the price per nail?
- 10) A ticket to the carnival cost \$2.00. If there is going to be an estimated 1,000 people attending the carnival, how much money will be made in ticket sales?
- 11) Paul's water bill this month was \$22.88. 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?
- 12) A bag of 100 cherries weighs 64.48 ounces. How many ounces does each cherry weigh?

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**Answers**

1. **0.2818812**
2. **48,900**
3. **0.0355**
4. **1,256**
5. **0.9156**
6. **9,900**
7. **48.3**
8. **9.943976**
9. **0.04036**
10. **2,000**
11. **0.002288**
12. **0.6448**