

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

- 1) The cost to ship a single box across country is \$11.94. If a company shipped 100 boxes over the course of a year, how much did they spend on shipping?
- 2) A ticket to the carnival cost \$8.70. If there is going to be an estimated 1,000 people attending the carnival, how much money will be made in ticket sales?
- 3) A bag of 100 cherries weighs 81.00 ounces. How many ounces does each cherry weigh?
- 4) A candy store in the mall orders 100 boxes of candy a month. Each box of candy weighs 32.9 grams. What is the total weight (in grams) of the candy the store orders?
- 5) A spoonful of ice cream contains 0 mg of iron. How much iron would you consume if you ate 100 spoonfuls?
- 6) A toy company paid \$22,417.92 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?
- 7) An electrician paid \$18.18 total for 100 feet of wire. How much does he pay per foot of wire?
- 8) Emily was looking on the internet for packing paper. She found a seller that was offering 1,000 linear feet of paper for \$2.31. What is the price per linear foot?
- 9) An internet company offers internet service with a cap of 100 gb for \$9.72 per month. What is the price per gb?
- 10) Ned has put 100 hours into playing an online video game. He has paid \$52.92 over the course of the entire game. How much did he pay per hour played?
- 11) At the hardware store Amy bought a box with 1,000 nails and paid \$30.27 total. What is the price per nail?
- 12) A fair food booth was having a sell on burger combos. Each combo cost \$9.77. If they estimate they will sell 100 combos over the course of the fair, how much money will they make?

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Answers

1. **1,194**
2. **8,700**
3. **0.81**
4. **3,290**
5. **0.7**
6. **2.241792**
7. **0.18183**
8. **0.00231**
9. **0.0972**
10. **0.5292**
11. **0.03027**
12. **977**