

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

- 1) A ticket to the carnival cost \$7.70. If there is going to be an estimated 1,000 people attending the carnival, how much money will be made in ticket sales?
- 2) An internet company offers internet service with a cap of 100 gb for \$3.15 per month. What is the price per gb?
- 3) Cody has put 1,000 hours into playing an online video game. He has paid \$803.20 over the course of the entire game. How much did he pay per hour played?
- 4) The cost to ship a single box across country is \$10.30. If a company shipped 100 boxes over the course of a year, how much did they spend on shipping?
- 5) Amy was looking on the internet for packing paper. She found a seller that was offering 100 linear feet of paper for \$5.03. What is the price per linear foot?
- 6) An electrician paid \$63.98 total for 100 feet of wire. How much does he pay per foot of wire?
- 7) 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)?
- 8) An orchard owner is buying 8.42 acres of land to plant more trees. He figures he will plant 100 trees per acre. How many trees will he plant on his new land?
- 9) A fair food booth was having a sell on burger combos. Each combo cost \$6.34. If they estimate they will sell 10,000 combos over the course of the fair, how much money will they make?
- 10) A toy company paid \$6,277.44 for a 30 second TV ad. Later they learned that an estimated 1,000 children had viewed the ad. How much money did they pay per viewer?
- 11) A round trip from Katie's house to the grocery store is 9.90 miles. Katie estimates since she moved into her house she has gone 100 times. How many miles would that mean Katie has travelled?
- 12) At the hardware store Sarah bought a box with 100 nails and paid \$4.28 total. What is the price per nail?

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**Answers**

1. **7,700**
2. **0.0315**
3. **0.8032**
4. **1,030**
5. **0.0503**
6. **0.639765**
7. **29.7**
8. **842**
9. **63,400**
10. **6.27744**
11. **990**
12. **0.0428**