

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

- 1) A ticket to the carnival cost \$7.00. If there is going to be an estimated 1,000 people attending the carnival, how much money will be made in ticket sales?
- 2) At the hardware store Katie bought a box with 1,000 nails and paid \$20.08 total. What is the price per nail?
- 3) Amy's mom decided to wallpaper the living room. At the store, the wallpaper was selling for \$11.19 for a roll with 100 linear feet. What is the price per linear foot of the wallpaper?
- 4) An orchard owner is buying 3.46 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?
- 5) A round trip from Paige's house to the grocery store is 6.00 miles. Paige estimates since she moved into her house she has gone 100 times. How many miles would that mean Paige has travelled?
- 6) A fair food booth was having a sell on burger combos. Each combo cost \$7.17. If they estimate they will sell 1,000 combos over the course of the fair, how much money will they make?
- 7) A typical business card is 0 mm thick. If a company ordered 1,000 business cards and placed them all into a single stack how tall would the stack be (in mm)?
- 8) A candy store in the mall orders 100 boxes of candy a month. Each box of candy weighs 35.4 grams. What is the total weight (in grams) of the candy the store orders?
- 9) A toy company paid \$7,204.26 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?
- 10) An electrician paid \$415.41 total for 1,000 feet of wire. How much does he pay per foot of wire?
- 11) A bag of 100 cherries weighs 76.32 ounces. How many ounces does each cherry weigh?
- 12) The cost to ship a single box across country is \$10.76. If a company shipped 100 boxes over the course of a year, how much did they spend on shipping?

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**Answers**

1. **7,000**
2. **0.02008**
3. **0.1119**
4. **346**
5. **600**
6. **7,170**
7. **254**
8. **3,540**
9. **7.20426**
10. **0.4154053**
11. **0.7632**
12. **1,076**