

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

- 1) 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)?
- 2) A fair food booth was having a sell on burger combos. Each combo cost \$5.41. If they estimate they will sell 100 combos over the course of the fair, how much money will they make?
- 3) A toy company paid \$8,700.48 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?
- 4) At the hardware store Debby bought a box with 100 nails and paid \$2.04 total. What is the price per nail?
- 5) An internet company offers internet service with a cap of 100 gb for \$5.20 per month. What is the price per gb?
- 6) A spoonful of ice cream contains 0 mg of iron. How much iron would you consume if you ate 10 spoonfuls?
- 7) An orchard owner is buying 8.72 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?
- 8) A bag of 1,000 cherries weighs 653.90 ounces. How many ounces does each cherry weigh?
- 9) Ned has put 1,000 hours into playing an online video game. He has paid \$966.72 over the course of the entire game. How much did he pay per hour played?
- 10) Bianca's mom decided to wallpaper the living room. At the store, the wallpaper was selling for \$10.10 for a roll with 100 linear feet. What is the price per linear foot of the wallpaper?
- 11) A ticket to the carnival cost \$8.20. If there is going to be an estimated 10,000 people attending the carnival, how much money will be made in ticket sales?
- 12) A candy store in the mall orders 10,000 boxes of candy a month. Each box of candy weighs 48.0 grams. What is the total weight (in grams) of the candy the store orders?

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**Answers**

1. **27.8**
2. **541**
3. **8.70048**
4. **0.0204**
5. **0.052**
6. **0.04**
7. **872**
8. **0.6539**
9. **0.96672**
10. **0.101**
11. **82,000**
12. **480,000**