



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

Answers

- 1) A spoonful of ice cream contains 0 mg of iron. How much iron would you consume if you ate 100 spoonfuls?
- 2) A ticket to the carnival cost \$4.80. If there is going to be an estimated 10,000 people attending the carnival, how much money will be made in ticket sales?
- 3) 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)?
- 4) Sam has put 1,000 hours into playing an online video game. He has paid \$1,008.00 over the course of the entire game. How much did he pay per hour played?
- 5) The cost to ship a single box across country is \$13.73. If a company shipped 100 boxes over the course of a year, how much did they spend on shipping?
- 6) A fair food booth was having a sell on burger combos. Each combo cost \$10.00. If they estimate they will sell 100 combos over the course of the fair, how much money will they make?
- 7) At the hardware store Janet bought a box with 1,000 nails and paid \$30.27 total. What is the price per nail?
- 8) A bag of 1,000 cherries weighs 691.38 ounces. How many ounces does each cherry weigh?
- 9) Robin's mom decided to wallpaper the living room. At the store, the wallpaper was selling for \$18.41 for a roll with 100 linear feet. What is the price per linear foot of the wallpaper?
- 10) Lana was looking on the internet for packing paper. She found a seller that was offering 1,000 linear feet of paper for \$5.41. What is the price per linear foot?
- 11) Dave's water bill this month was \$22.79. 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) An internet company offers internet service with a cap of 100 gb for \$6.48 per month. What is the price per gb?

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**Answers**

1. 0.4
2. 48,000
3. 269
4. 1.008
5. 1,373
6. 1,000
7. 0.03027
8. 0.69138
9. 0.1841
10. 0.00541
11. 0.002279
12. 0.0648