



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) The cost to ship a single box across country is \$13.02. If a company shipped 1,000 boxes over the course of a year, how much did they spend on shipping?
- 3) An orchard owner is buying 9.29 acres of land to plant more trees. He figures he will plant 10 trees per acre. How many trees will he plant on his new land?
- 4) A bag of 1,000 cherries weighs 684.76 ounces. How many ounces does each cherry weigh?
- 5) Faye's mom decided to wallpaper the living room. At the store, the wallpaper was selling for \$16.04 for a roll with 100 linear feet. What is the price per linear foot of the wallpaper?
- 6) At the hardware store Robin bought a box with 1,000 nails and paid \$20.20 total. What is the price per nail?
- 7) An internet company offers internet service with a cap of 100 gb for \$7.42 per month. What is the price per gb?
- 8) A ticket to the carnival cost \$6.40. If there is going to be an estimated 1,000 people attending the carnival, how much money will be made in ticket sales?
- 9) Billy has put 100 hours into playing an online video game. He has paid \$95.70 over the course of the entire game. How much did he pay per hour played?
- 10) Luke's water bill this month was \$22.92. 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?
- 11) A candy store in the mall orders 1,000 boxes of candy a month. Each box of candy weighs 38.2 grams. What is the total weight (in grams) of the candy the store orders?
- 12) A typical business card is 0 mm thick. If a company ordered 10,000 business cards and placed them all into a single stack how tall would the stack be (in mm)?

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

	<u>Answers</u>
1) A spoonful of ice cream contains 0 mg of iron. How much iron would you consume if you ate 100 spoonfuls?	1. <u>0.4</u>
2) The cost to ship a single box across country is \$13.02. If a company shipped 1,000 boxes over the course of a year, how much did they spend on shipping?	2. <u>13,020</u>
3) An orchard owner is buying 9.29 acres of land to plant more trees. He figures he will plant 10 trees per acre. How many trees will he plant on his new land?	3. <u>92.9</u>
4) A bag of 1,000 cherries weighs 684.76 ounces. How many ounces does each cherry weigh?	4. <u>0.68476</u>
5) Faye's mom decided to wallpaper the living room. At the store, the wallpaper was selling for \$16.04 for a roll with 100 linear feet. What is the price per linear foot of the wallpaper?	5. <u>0.1604</u>
6) At the hardware store Robin bought a box with 1,000 nails and paid \$20.20 total. What is the price per nail?	6. <u>0.0202</u>
7) An internet company offers internet service with a cap of 100 gb for \$7.42 per month. What is the price per gb?	7. <u>0.0742</u>
8) A ticket to the carnival cost \$6.40. If there is going to be an estimated 1,000 people attending the carnival, how much money will be made in ticket sales?	8. <u>6,400</u>
9) Billy has put 100 hours into playing an online video game. He has paid \$95.70 over the course of the entire game. How much did he pay per hour played?	9. <u>0.957</u>
10) Luke's water bill this month was \$22.92. 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?	10. <u>0.002292</u>
11) A candy store in the mall orders 1,000 boxes of candy a month. Each box of candy weighs 38.2 grams. What is the total weight (in grams) of the candy the store orders?	11. <u>38,200</u>
12) A typical business card is 0 mm thick. If a company ordered 10,000 business cards and placed them all into a single stack how tall would the stack be (in mm)?	12. <u>2,740</u>