

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

- 1) At the hardware store Emily bought a box with 1,000 nails and paid \$40.32 total. What is the price per nail?
- 2) A fair food booth was having a sell on burger combos. Each combo cost \$8.34. If they estimate they will sell 10,000 combos over the course of the fair, how much money will they make?
- 3) 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)?
- 4) A bag of 100 cherries weighs 69.68 ounces. How many ounces does each cherry weigh?
- 5) A candy store in the mall orders 100 boxes of candy a month. Each box of candy weighs 46.1 grams. What is the total weight (in grams) of the candy the store orders?
- 6) The cost to ship a single box across country is \$14.12. If a company shipped 100 boxes over the course of a year, how much did they spend on shipping?
- 7) Roger's water bill this month was \$28.77. 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?
- 8) Olivia's mom decided to wallpaper the living room. At the store, the wallpaper was selling for \$18.35 for a roll with 100 linear feet. What is the price per linear foot of the wallpaper?
- 9) A spoonful of ice cream contains 0 mg of iron. How much iron would you consume if you ate 100 spoonfuls?
- 10) A round trip from Bianca's house to the grocery store is 7.80 miles. Bianca estimates since she moved into her house she has gone 1,000 times. How many miles would that mean Bianca has travelled?
- 11) An electrician paid \$526.94 total for 1,000 feet of wire. How much does he pay per foot of wire?
- 12) An internet company offers internet service with a cap of 1,000 gb for \$20.14 per month. What is the price per gb?

1. _____
2. _____
3. _____
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8. _____
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10. _____
11. _____
12. _____

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Answers

1. **0.04032**
2. **83,400**
3. **26.7**
4. **0.6968**
5. **4,610**
6. **1,412**
7. **0.002877**
8. **0.1835**
9. **0.6**
10. **7,800**
11. **0.5269428**
12. **0.02014**