

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

- 1) A fair food booth was having a sell on burger combos. Each combo cost \$5.86. If they estimate they will sell 1,000 combos over the course of the fair, how much money will they make?
- 2) An orchard owner is buying 8.92 acres of land to plant more trees. He figures he will plant 1,000 trees per acre. How many trees will he plant on his new land?
- 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) The cost to ship a single box across country is \$13.95. If a company shipped 1,000 boxes over the course of a year, how much did they spend on shipping?
- 5) A spoonful of ice cream contains 0 mg of iron. How much iron would you consume if you ate 10 spoonfuls?
- 6) At the hardware store Haley bought a box with 1,000 nails and paid \$30.24 total. What is the price per nail?
- 7) An internet company offers internet service with a cap of 100 gb for \$2.14 per month. What is the price per gb?
- 8) Edward's water bill this month was \$26.50. 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?
- 9) An electrician paid \$61.01 total for 100 feet of wire. How much does he pay per foot of wire?
- 10) Nancy was looking on the internet for packing paper. She found a seller that was offering 1,000 linear feet of paper for \$4.78. What is the price per linear foot?
- 11) Rachel's mom decided to wallpaper the living room. At the store, the wallpaper was selling for \$10.47 for a roll with 100 linear feet. What is the price per linear foot of the wallpaper?
- 12) A round trip from Emily's house to the grocery store is 3.50 miles. Emily estimates since she moved into her house she has gone 100 times. How many miles would that mean Emily has travelled?

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12. _____

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Answers

1. **5,860**
2. **8,920**
3. **268**
4. **13,950**
5. **0.08**
6. **0.03024**
7. **0.0214**
8. **0.00265**
9. **0.610073**
10. **0.00478**
11. **0.1047**
12. **350**