

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

- 1) A round trip from Isabel's house to the grocery store is 2.80 miles. Isabel estimates since she moved into her house she has gone 100 times. How many miles would that mean Isabel has travelled?
- 2) A spoonful of ice cream contains 0 mg of iron. How much iron would you consume if you ate 100 spoonfuls?
- 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 toy company paid \$84,559.15 for a 30 second TV ad. Later they learned that an estimated 10,000 children had viewed the ad. How much money did they pay per viewer?
- 5) A fair food booth was having a sell on burger combos. Each combo cost \$8.28. If they estimate they will sell 1,000 combos over the course of the fair, how much money will they make?
- 6) Debby was looking on the internet for packing paper. She found a seller that was offering 100 linear feet of paper for \$2.00. What is the price per linear foot?
- 7) An electrician paid \$23.71 total for 100 feet of wire. How much does he pay per foot of wire?
- 8) An orchard owner is buying 4.82 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?
- 9) The cost to ship a single box across country is \$11.76. If a company shipped 1,000 boxes over the course of a year, how much did they spend on shipping?
- 10) At the hardware store Vanessa bought a box with 100 nails and paid \$4.12 total. What is the price per nail?
- 11) Gwen's mom decided to wallpaper the living room. At the store, the wallpaper was selling for \$10.39 for a roll with 100 linear feet. What is the price per linear foot of the wallpaper?
- 12) Will's water bill this month was \$22.45. 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?

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**Answers**

1. **280**
2. **0.5**
3. **28.9**
4. **8.455915**
5. **8,280**
6. **0.02**
7. **0.237122**
8. **482**
9. **11,760**
10. **0.0412**
11. **0.1039**
12. **0.002245**

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