

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

- 1) A typical business card is 0.256 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)?
- 2) An electrician paid \$391.38 total for 1,000 feet of wire. How much does he pay per foot of wire?
- 3) Roger has put 100 hours into playing an online video game. He has paid \$100.80 over the course of the entire game. How much did he pay per hour played?
- 4) A spoonful of ice cream contains 0.008 mg of iron. How much iron would you consume if you ate 10 spoonfuls?
- 5) Olivia's mom decided to wallpaper the living room. At the store, the wallpaper was selling for \$11.37 for a roll with 100 linear feet. What is the price per linear foot of the wallpaper?
- 6) An orchard owner is buying 8.05 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?
- 7) John's water bill this month was \$20.98. 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) An internet company offers internet service with a cap of 1,000 gb for \$80.48 per month. What is the price per gb?
- 9) A round trip from Maria's house to the grocery store is 3.90 miles. Maria estimates since she moved into her house she has gone 100 times. How many miles would that mean Maria has travelled?
- 10) The cost to ship a single box across country is \$10.48. If a company shipped 100 boxes over the course of a year, how much did they spend on shipping?
- 11) A candy store in the mall orders 1,000 boxes of candy a month. Each box of candy weighs 42.6 grams. What is the total weight (in grams) of the candy the store orders?
- 12) A toy company paid \$4,691.85 for a 30 second TV ad. Later they learned that an estimated 1,000 children had viewed the ad. How much money did they pay per viewer?

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1. **256**2. **0.39138**3. **1.008**4. **0.08**5. **0.1137**6. **8,050**7. **0.002098**8. **0.08048**9. **390**10. **1,048**11. **42,600**12. **4.69185**