

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

- 1) Victor's water bill this month was \$28.90. 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?
- 2) An orchard owner is buying 8.26 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?
- 3) A toy company paid \$65,452.32 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?
- 4) A spoonful of ice cream contains 0 mg of iron. How much iron would you consume if you ate 10 spoonfuls?
- 5) 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)?
- 6) A ticket to the carnival cost \$7.10. If there is going to be an estimated 1,000 people attending the carnival, how much money will be made in ticket sales?
- 7) Maria was looking on the internet for packing paper. She found a seller that was offering 1,000 linear feet of paper for \$3.16. What is the price per linear foot?
- 8) At the hardware store Robin bought a box with 1,000 nails and paid \$40.40 total. What is the price per nail?
- 9) The cost to ship a single box across country is \$12.31. If a company shipped 1,000 boxes over the course of a year, how much did they spend on shipping?
- 10) An electrician paid \$53.49 total for 100 feet of wire. How much does he pay per foot of wire?
- 11) A fair food booth was having a sell on burger combos. Each combo cost \$5.25. If they estimate they will sell 10,000 combos over the course of the fair, how much money will they make?
- 12) Sam has put 1,000 hours into playing an online video game. He has paid \$642.56 over the course of the entire game. How much did he pay per hour played?

1. _____
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12. _____

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Answers

1. **0.00289**
2. **826**
3. **6.545232**
4. **0.09**
5. **27.6**
6. **7,100**
7. **0.00316**
8. **0.0404**
9. **12,310**
10. **0.534893**
11. **52,500**
12. **0.64256**