

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

- 1) An internet company offers internet service with a cap of 1,000 gb for \$80.72 per month. What is the price per gb?
- 2) Luke's water bill this month was \$27.77. 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?
- 3) At the hardware store Olivia bought a box with 100 nails and paid \$4.16 total. What is the price per nail?
- 4) A round trip from Rachel's house to the grocery store is 4.10 miles. Rachel estimates since she moved into her house she has gone 1,000 times. How many miles would that mean Rachel has travelled?
- 5) The cost to ship a single box across country is \$14.56. If a company shipped 100 boxes over the course of a year, how much did they spend on shipping?
- 6) Kaleb has put 100 hours into playing an online video game. He has paid \$97.20 over the course of the entire game. How much did he pay per hour played?
- 7) A spoonful of ice cream contains 0 mg of iron. How much iron would you consume if you ate 10 spoonfuls?
- 8) An orchard owner is buying 7.20 acres of land to plant more trees. He figures he will plant 10 trees per acre. How many trees will he plant on his new land?
- 9) Haley was looking on the internet for packing paper. She found a seller that was offering 1,000 linear feet of paper for \$3.40. What is the price per linear foot?
- 10) An electrician paid \$11.58 total for 100 feet of wire. How much does he pay per foot of wire?
- 11) A toy company paid \$8,647.26 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?
- 12) Tiffany's mom decided to wallpaper the living room. At the store, the wallpaper was selling for \$13.17 for a roll with 100 linear feet. What is the price per linear foot of the wallpaper?

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**Answers**

1. **0.08072**
2. **0.002777**
3. **0.0416**
4. **4,100**
5. **1,456**
6. **0.972**
7. **0.05**
8. **72**
9. **0.0034**
10. **0.115815**
11. **8.64726**
12. **0.1317**