



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

Answers

- 1) Emily was looking on the internet for packing paper. She found a seller that was offering 100 linear feet of paper for \$7.47. What is the price per linear foot?
- 2) Victor's water bill this month was \$24.16. 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) A round trip from Tiffany's house to the grocery store is 8.90 miles. Tiffany estimates since she moved into her house she has gone 1,000 times. How many miles would that mean Tiffany has travelled?
- 4) Vanessa's mom decided to wallpaper the living room. At the store, the wallpaper was selling for \$11.12 for a roll with 100 linear feet. What is the price per linear foot of the wallpaper?
- 5) An orchard owner is buying 6.63 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?
- 6) At the hardware store Gwen bought a box with 100 nails and paid \$3.21 total. What is the price per nail?
- 7) A typical business card is 0.256 mm thick. If a company ordered 10,000 business cards and placed them all into a single stack how tall would the stack be (in mm)?
- 8) A spoonful of ice cream contains 0.004 mg of iron. How much iron would you consume if you ate 10 spoonfuls?
- 9) An internet company offers internet service with a cap of 1,000 gb for \$50.25 per month. What is the price per gb?
- 10) A toy company paid \$6,341.55 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?
- 11) A bag of 1,000 cherries weighs 781.56 ounces. How many ounces does each cherry weigh?
- 12) A candy store in the mall orders 10,000 boxes of candy a month. Each box of candy weighs 47.9 grams. What is the total weight (in grams) of the candy the store orders?

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12. _____



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Answers1. 0.07472. 0.0024163. 8,9004. 0.11125. 6636. 0.03217. 2,5608. 0.049. 0.0502510. 6.3415511. 0.7815612. 479,000