

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

- 1) A toy company paid \$7,600.28 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?
- 2) An internet company offers internet service with a cap of 1,000 gb for \$20.18 per month. What is the price per gb?
- 3) A round trip from Lana's house to the grocery store is 8.50 miles. Lana estimates since she moved into her house she has gone 100 times. How many miles would that mean Lana has travelled?
- 4) At the hardware store Gwen bought a box with 100 nails and paid \$2.10 total. What is the price per nail?
- 5) Frank's water bill this month was \$19.51. 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?
- 6) A spoonful of ice cream contains 0 mg of iron. How much iron would you consume if you ate 100 spoonfuls?
- 7) Bianca's mom decided to wallpaper the living room. At the store, the wallpaper was selling for \$18.88 for a roll with 100 linear feet. What is the price per linear foot of the wallpaper?
- 8) A candy store in the mall orders 100 boxes of candy a month. Each box of candy weighs 41.1 grams. What is the total weight (in grams) of the candy the store orders?
- 9) An electrician paid \$15.86 total for 100 feet of wire. How much does he pay per foot of wire?
- 10) Isabel was looking on the internet for packing paper. She found a seller that was offering 100 linear feet of paper for \$6.46. What is the price per linear foot?
- 11) An orchard owner is buying 9.38 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?
- 12) A bag of 100 cherries weighs 69.76 ounces. How many ounces does each cherry weigh?

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**Answers**

1. **7.60028**
2. **0.02018**
3. **850**
4. **0.021**
5. **0.001951**
6. **0.7**
7. **0.1888**
8. **4,110**
9. **0.15862**
10. **0.0646**
11. **93.8**
12. **0.6976**

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