

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

- 1) Isabel's mom decided to wallpaper the living room. At the store, the wallpaper was selling for \$16.50 for a roll with 100 linear feet. What is the price per linear foot of the wallpaper?
- 2) An orchard owner is buying 9.19 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?
- 3) Gwen was looking on the internet for packing paper. She found a seller that was offering 1,000 linear feet of paper for \$4.59. What is the price per linear foot?
- 4) Adam has put 1,000 hours into playing an online video game. He has paid \$623.10 over the course of the entire game. How much did he pay per hour played?
- 5) An internet company offers internet service with a cap of 100 gb for \$3.18 per month. What is the price per gb?
- 6) A toy company paid \$7,062.12 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?
- 7) The cost to ship a single box across country is \$13.98. If a company shipped 1,000 boxes over the course of a year, how much did they spend on shipping?
- 8) A candy store in the mall orders 10,000 boxes of candy a month. Each box of candy weighs 46.4 grams. What is the total weight (in grams) of the candy the store orders?
- 9) A round trip from Amy's house to the grocery store is 5.30 miles. Amy estimates since she moved into her house she has gone 100 times. How many miles would that mean Amy has travelled?
- 10) A ticket to the carnival cost \$3.90. If there is going to be an estimated 10,000 people attending the carnival, how much money will be made in ticket sales?
- 11) At the hardware store Vanessa bought a box with 1,000 nails and paid \$30.24 total. What is the price per nail?
- 12) An electrician paid \$414.36 total for 1,000 feet of wire. How much does he pay per foot of wire?

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12. _____



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Answers

1. **0.165**
2. **9,190**
3. **0.00459**
4. **0.6231**
5. **0.0318**
6. **7.06212**
7. **13,980**
8. **464,000**
9. **530**
10. **39,000**
11. **0.03024**
12. **0.41436**