

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

- 1) At the hardware store Gwen bought a box with 1,000 nails and paid \$40.32 total. What is the price per nail?
- 2) A fair food booth was having a sell on burger combos. Each combo cost \$6.01. If they estimate they will sell 1,000 combos over the course of the fair, how much money will they make?
- 3) A ticket to the carnival cost \$9.20. If there is going to be an estimated 10,000 people attending the carnival, how much money will be made in ticket sales?
- 4) An internet company offers internet service with a cap of 1,000 gb for \$100.80 per month. What is the price per gb?
- 5) A round trip from Sarah's house to the grocery store is 3.20 miles. Sarah estimates since she moved into her house she has gone 100 times. How many miles would that mean Sarah has travelled?
- 6) Ned has put 100 hours into playing an online video game. He has paid \$51.45 over the course of the entire game. How much did he pay per hour played?
- 7) Debby's mom decided to wallpaper the living room. At the store, the wallpaper was selling for \$17.51 for a roll with 100 linear feet. What is the price per linear foot of the wallpaper?
- 8) Vanessa was looking on the internet for packing paper. She found a seller that was offering 100 linear feet of paper for \$5.95. What is the price per linear foot?
- 9) A toy company paid \$67,467.40 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?
- 10) An electrician paid \$58.33 total for 100 feet of wire. How much does he pay per foot of wire?
- 11) The cost to ship a single box across country is \$12.64. If a company shipped 1,000 boxes over the course of a year, how much did they spend on shipping?
- 12) A candy store in the mall orders 100 boxes of candy a month. Each box of candy weighs 43.0 grams. What is the total weight (in grams) of the candy the store orders?

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Answers

1. **0.04032**
2. **6,010**
3. **92,000**
4. **0.1008**
5. **320**
6. **0.5145**
7. **0.1751**
8. **0.0595**
9. **6.74674**
10. **0.583275**
11. **12,640**
12. **4,300**