



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

Answers

- 1) An orchard owner is buying 4.62 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?
- 2) Will's water bill this month was \$26.29. 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) An electrician paid \$681.84 total for 1,000 feet of wire. How much does he pay per foot of wire?
- 4) A toy company paid \$95,657.36 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?
- 5) A fair food booth was having a sell on burger combos. Each combo cost \$7.28. If they estimate they will sell 10,000 combos over the course of the fair, how much money will they make?
- 6) A candy store in the mall orders 10,000 boxes of candy a month. Each box of candy weighs 37.6 grams. What is the total weight (in grams) of the candy the store orders?
- 7) At the hardware store Sarah bought a box with 1,000 nails and paid \$40.08 total. What is the price per nail?
- 8) The cost to ship a single box across country is \$14.38. If a company shipped 1,000 boxes over the course of a year, how much did they spend on shipping?
- 9) A typical business card is 0 mm thick. If a company ordered 100 business cards and placed them all into a single stack how tall would the stack be (in mm)?
- 10) Frank has put 1,000 hours into playing an online video game. He has paid \$784.68 over the course of the entire game. How much did he pay per hour played?
- 11) An internet company offers internet service with a cap of 1,000 gb for \$40.28 per month. What is the price per gb?
- 12) A round trip from Faye's house to the grocery store is 9.90 miles. Faye estimates since she moved into her house she has gone 1,000 times. How many miles would that mean Faye has travelled?

1. _____
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3. _____
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10. _____
11. _____
12. _____



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Answers

1. 462
2. 0.002629
3. 0.6818394
4. 9.565736
5. 72,800
6. 376,000
7. 0.04008
8. 14,380
9. 28.6
10. 0.78468
11. 0.04028
12. 9,900