



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

Answers

- 1) Cody has put 1,000 hours into playing an online video game. He has paid \$503.50 over the course of the entire game. How much did he pay per hour played?  
1. \_\_\_\_\_
- 2) An electrician paid \$18.03 total for 100 feet of wire. How much does he pay per foot of wire?  
2. \_\_\_\_\_  
3. \_\_\_\_\_
- 3) A toy company paid \$5,679.48 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?  
4. \_\_\_\_\_  
5. \_\_\_\_\_
- 4) A typical business card is 0.257 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)?  
6. \_\_\_\_\_
- 5) A round trip from Lana's house to the grocery store is 2.40 miles. Lana estimates since she moved into her house she has gone 100 times. How many miles would that mean Lana has travelled?  
7. \_\_\_\_\_  
8. \_\_\_\_\_
- 6) George's water bill this month was \$28.33. 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?  
9. \_\_\_\_\_  
10. \_\_\_\_\_
- 7) A fair food booth was having a sell on burger combos. Each combo cost \$9.13. If they estimate they will sell 1,000 combos over the course of the fair, how much money will they make?  
11. \_\_\_\_\_
- 8) A ticket to the carnival cost \$8.70. If there is going to be an estimated 1,000 people attending the carnival, how much money will be made in ticket sales?  
12. \_\_\_\_\_
- 9) At the hardware store Debby bought a box with 1,000 nails and paid \$40.12 total. What is the price per nail?
- 10) An orchard owner is buying 9.55 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?
- 11) The cost to ship a single box across country is \$14.75. If a company shipped 100 boxes over the course of a year, how much did they spend on shipping?
- 12) A candy store in the mall orders 1,000 boxes of candy a month. Each box of candy weighs 34.6 grams. What is the total weight (in grams) of the candy the store orders?



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**Answers**

1. 0.5035
2. 0.1803
3. 5.67948
4. 2,570
5. 240
6. 0.002833
7. 9,130
8. 8,700
9. 0.04012
10. 95.5
11. 1,475
12. 34,600