

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

- 1) A round trip from Janet's house to the grocery store is 9.60 miles. Janet estimates since she moved into her house she has gone 100 times. How many miles would that mean Janet has travelled?
- 2) A candy store in the mall orders 10,000 boxes of candy a month. Each box of candy weighs 31.5 grams. What is the total weight (in grams) of the candy the store orders?
- 3) The cost to ship a single box across country is \$10.54. If a company shipped 1,000 boxes over the course of a year, how much did they spend on shipping?
- 4) Dave has put 1,000 hours into playing an online video game. He has paid \$751.50 over the course of the entire game. How much did he pay per hour played?
- 5) A bag of 100 cherries weighs 69.76 ounces. How many ounces does each cherry weigh?
- 6) Maria was looking on the internet for packing paper. She found a seller that was offering 1,000 linear feet of paper for \$2.47. What is the price per linear foot?
- 7) An orchard owner is buying 4.48 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?
- 8) An internet company offers internet service with a cap of 1,000 gb for \$30.12 per month. What is the price per gb?
- 9) A fair food booth was having a sell on burger combos. Each combo cost \$8.67. If they estimate they will sell 100 combos over the course of the fair, how much money will they make?
- 10) A typical business card is 0 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)?
- 11) A spoonful of ice cream contains 0 mg of iron. How much iron would you consume if you ate 100 spoonfuls?
- 12) A toy company paid \$96,858.08 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?

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| 1) A round trip from Janet's house to the grocery store is 9.60 miles. Janet estimates since she moved into her house she has gone 100 times. How many miles would that mean Janet has travelled? | 1. <u>960</u> |
| 2) A candy store in the mall orders 10,000 boxes of candy a month. Each box of candy weighs 31.5 grams. What is the total weight (in grams) of the candy the store orders? | 2. <u>315,000</u> |
| 3) The cost to ship a single box across country is \$10.54. If a company shipped 1,000 boxes over the course of a year, how much did they spend on shipping? | 3. <u>10,540</u> |
| 4) Dave has put 1,000 hours into playing an online video game. He has paid \$751.50 over the course of the entire game. How much did he pay per hour played? | 4. <u>0.7515</u> |
| 5) A bag of 100 cherries weighs 69.76 ounces. How many ounces does each cherry weigh? | 5. <u>0.6976</u> |
| 6) Maria was looking on the internet for packing paper. She found a seller that was offering 1,000 linear feet of paper for \$2.47. What is the price per linear foot? | 6. <u>0.00247</u> |
| 7) An orchard owner is buying 4.48 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? | 7. <u>4,480</u> |
| 8) An internet company offers internet service with a cap of 1,000 gb for \$30.12 per month. What is the price per gb? | 8. <u>0.03012</u> |
| 9) A fair food booth was having a sell on burger combos. Each combo cost \$8.67. If they estimate they will sell 100 combos over the course of the fair, how much money will they make? | 9. <u>867</u> |
| 10) A typical business card is 0 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)? | 10. <u>2,720</u> |
| 11) A spoonful of ice cream contains 0 mg of iron. How much iron would you consume if you ate 100 spoonfuls? | 11. <u>0.7</u> |
| 12) A toy company paid \$96,858.08 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? | 12. <u>9.685808</u> |

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