

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

- 1) An internet company offers internet service with a cap of 100 gb for \$4.24 per month. What is the price per gb?
- 2) A spoonful of ice cream contains 0 mg of iron. How much iron would you consume if you ate 10 spoonfuls?
- 3) Amy was looking on the internet for packing paper. She found a seller that was offering 100 linear feet of paper for \$8.54. What is the price per linear foot?
- 4) Bianca's mom decided to wallpaper the living room. At the store, the wallpaper was selling for \$10.97 for a roll with 100 linear feet. What is the price per linear foot of the wallpaper?
- 5) A fair food booth was having a sell on burger combos. Each combo cost \$7.27. If they estimate they will sell 10,000 combos over the course of the fair, how much money will they make?
- 6) Frank has put 100 hours into playing an online video game. He has paid \$58.30 over the course of the entire game. How much did he pay per hour played?
- 7) A round trip from Sarah's house to the grocery store is 6.30 miles. Sarah estimates since she moved into her house she has gone 100 times. How many miles would that mean Sarah has travelled?
- 8) A candy store in the mall orders 100 boxes of candy a month. Each box of candy weighs 57.0 grams. What is the total weight (in grams) of the candy the store orders?
- 9) At the hardware store Emily bought a box with 1,000 nails and paid \$30.18 total. What is the price per nail?
- 10) A typical business card is 0 mm thick. If a company ordered 1,000 business cards and placed them all into a single stack how tall would the stack be (in mm)?
- 11) An orchard owner is buying 3.19 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?
- 12) A bag of 100 cherries weighs 64.26 ounces. How many ounces does each cherry weigh?

1. \_\_\_\_\_
2. \_\_\_\_\_
3. \_\_\_\_\_
4. \_\_\_\_\_
5. \_\_\_\_\_
6. \_\_\_\_\_
7. \_\_\_\_\_
8. \_\_\_\_\_
9. \_\_\_\_\_
10. \_\_\_\_\_
11. \_\_\_\_\_
12. \_\_\_\_\_



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

- 1) An internet company offers internet service with a cap of 100 gb for \$4.24 per month. What is the price per gb?
- 2) A spoonful of ice cream contains 0 mg of iron. How much iron would you consume if you ate 10 spoonfuls?
- 3) Amy was looking on the internet for packing paper. She found a seller that was offering 100 linear feet of paper for \$8.54. What is the price per linear foot?
- 4) Bianca's mom decided to wallpaper the living room. At the store, the wallpaper was selling for \$10.97 for a roll with 100 linear feet. What is the price per linear foot of the wallpaper?
- 5) A fair food booth was having a sell on burger combos. Each combo cost \$7.27. If they estimate they will sell 10,000 combos over the course of the fair, how much money will they make?
- 6) Frank has put 100 hours into playing an online video game. He has paid \$58.30 over the course of the entire game. How much did he pay per hour played?
- 7) A round trip from Sarah's house to the grocery store is 6.30 miles. Sarah estimates since she moved into her house she has gone 100 times. How many miles would that mean Sarah has travelled?
- 8) A candy store in the mall orders 100 boxes of candy a month. Each box of candy weighs 57.0 grams. What is the total weight (in grams) of the candy the store orders?
- 9) At the hardware store Emily bought a box with 1,000 nails and paid \$30.18 total. What is the price per nail?
- 10) A typical business card is 0 mm thick. If a company ordered 1,000 business cards and placed them all into a single stack how tall would the stack be (in mm)?
- 11) An orchard owner is buying 3.19 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?
- 12) A bag of 100 cherries weighs 64.26 ounces. How many ounces does each cherry weigh?

**Answers**

1. **0.0424**
2. **0.05**
3. **0.0854**
4. **0.1097**
5. **72,700**
6. **0.583**
7. **630**
8. **5,700**
9. **0.03018**
10. **296**
11. **319**
12. **0.6426**