



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

Answers

- 1) An internet company offers internet service with a cap of 1,000 gb for \$30.06 per month. What is the price per gb?
- 2) The cost to ship a single box across country is \$11.48. If a company shipped 100 boxes over the course of a year, how much did they spend on shipping?
- 3) At the hardware store Tiffany bought a box with 1,000 nails and paid \$20.04 total. What is the price per nail?
- 4) A candy store in the mall orders 1,000 boxes of candy a month. Each box of candy weighs 45.9 grams. What is the total weight (in grams) of the candy the store orders?
- 5) Will's water bill this month was \$24.97. 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?
- 6) An orchard owner is buying 8.82 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?
- 7) Paige was looking on the internet for packing paper. She found a seller that was offering 100 linear feet of paper for \$3.36. What is the price per linear foot?
- 8) A typical business card is 0.286 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)?
- 9) A round trip from Amy's house to the grocery store is 8.90 miles. Amy estimates since she moved into her house she has gone 1,000 times. How many miles would that mean Amy has travelled?
- 10) Isabel's mom decided to wallpaper the living room. At the store, the wallpaper was selling for \$11.76 for a roll with 100 linear feet. What is the price per linear foot of the wallpaper?
- 11) A spoonful of ice cream contains 0.006 mg of iron. How much iron would you consume if you ate 100 spoonfuls?
- 12) A toy company paid \$20,912.54 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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Answers1. 0.030062. 1,1483. 0.020044. 45,9005. 0.0024976. 88.27. 0.03368. 2869. 8,90010. 0.117611. 0.612. 2.091254



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

Answers

- 1) A bag of 1,000 cherries weighs 601.80 ounces. How many ounces does each cherry weigh?
- 2) At the hardware store Janet bought a box with 100 nails and paid \$2.08 total. What is the price per nail?
- 3) The cost to ship a single box across country is \$12.07. If a company shipped 1,000 boxes over the course of a year, how much did they spend on shipping?
- 4) A spoonful of ice cream contains 0.007 mg of iron. How much iron would you consume if you ate 100 spoonfuls?
- 5) Will has put 1,000 hours into playing an online video game. He has paid \$712.13 over the course of the entire game. How much did he pay per hour played?
- 6) Gwen's mom decided to wallpaper the living room. At the store, the wallpaper was selling for \$12.37 for a roll with 100 linear feet. What is the price per linear foot of the wallpaper?
- 7) Adam's water bill this month was \$28.66. 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?
- 8) A fair food booth was having a sell on burger combos. Each combo cost \$8.31. If they estimate they will sell 10,000 combos over the course of the fair, how much money will they make?
- 9) A candy store in the mall orders 10,000 boxes of candy a month. Each box of candy weighs 42.8 grams. What is the total weight (in grams) of the candy the store orders?
- 10) A ticket to the carnival cost \$8.40. If there is going to be an estimated 1,000 people attending the carnival, how much money will be made in ticket sales?
- 11) A typical business card is 0.296 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)?
- 12) An electrician paid \$512.66 total for 1,000 feet of wire. How much does he pay per foot of wire?

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**Answers**

1. 0.6018
2. 0.0208
3. 12,070
4. 0.7
5. 0.71213
6. 0.1237
7. 0.002866
8. 83,100
9. 428,000
10. 8,400
11. 2,960
12. 0.51266



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

Answers

- 1) A fair food booth was having a sell on burger combos. Each combo cost \$9.14. If they estimate they will sell 1,000 combos over the course of the fair, how much money will they make?
- 2) A ticket to the carnival cost \$3.40. If there is going to be an estimated 1,000 people attending the carnival, how much money will be made in ticket sales?
- 3) An internet company offers internet service with a cap of 100 gb for \$10.40 per month. What is the price per gb?
- 4) A typical business card is 0.258 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)?
- 5) Will's water bill this month was \$17.98. 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?
- 6) A candy store in the mall orders 1,000 boxes of candy a month. Each box of candy weighs 52.5 grams. What is the total weight (in grams) of the candy the store orders?
- 7) Adam has put 100 hours into playing an online video game. He has paid \$43.87 over the course of the entire game. How much did he pay per hour played?
- 8) Haley's mom decided to wallpaper the living room. At the store, the wallpaper was selling for \$18.92 for a roll with 100 linear feet. What is the price per linear foot of the wallpaper?
- 9) The cost to ship a single box across country is \$12.05. If a company shipped 1,000 boxes over the course of a year, how much did they spend on shipping?
- 10) A spoonful of ice cream contains 0.007 mg of iron. How much iron would you consume if you ate 100 spoonfuls?
- 11) A toy company paid \$53,031.80 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) An electrician paid \$69.02 total for 100 feet of wire. How much does he pay per foot of wire?

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Answers1. 9,1402. 3,4003. 0.1044. 25.85. 0.0017986. 52,5007. 0.43878. 0.18929. 12,05010. 0.711. 5.3031812. 0.6902



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

Answers

- 1) A round trip from Emily's house to the grocery store is 7.10 miles. Emily estimates since she moved into her house she has gone 1,000 times. How many miles would that mean Emily has travelled?
- 2) Janet was looking on the internet for packing paper. She found a seller that was offering 100 linear feet of paper for \$4.55. What is the price per linear foot?
- 3) At the hardware store Tiffany bought a box with 1,000 nails and paid \$20.14 total. What is the price per nail?
- 4) An internet company offers internet service with a cap of 100 gb for \$9.36 per month. What is the price per gb?
- 5) A fair food booth was having a sell on burger combos. Each combo cost \$5.91. If they estimate they will sell 10,000 combos over the course of the fair, how much money will they make?
- 6) A toy company paid \$42,742.70 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?
- 7) An electrician paid \$218.15 total for 1,000 feet of wire. How much does he pay per foot of wire?
- 8) A ticket to the carnival cost \$8.90. If there is going to be an estimated 1,000 people attending the carnival, how much money will be made in ticket sales?
- 9) Paul has put 1,000 hours into playing an online video game. He has paid \$971.94 over the course of the entire game. How much did he pay per hour played?
- 10) A bag of 100 cherries weighs 69.30 ounces. How many ounces does each cherry weigh?
- 11) Robin's mom decided to wallpaper the living room. At the store, the wallpaper was selling for \$14.78 for a roll with 100 linear feet. What is the price per linear foot of the wallpaper?
- 12) A typical business card is 0.275 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)?

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Answers1. 7,1002. 0.04553. 0.020144. 0.09365. 59,1006. 4.274277. 0.218158. 8,9009. 0.9719410. 0.69311. 0.147812. 2,750





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

Answers

- 1) An electrician paid \$26.46 total for 100 feet of wire. How much does he pay per foot of wire?
- 2) Victor has put 1,000 hours into playing an online video game. He has paid \$671.34 over the course of the entire game. How much did he pay per hour played?
- 3) A spoonful of ice cream contains 0.008 mg of iron. How much iron would you consume if you ate 100 spoonfuls?
- 4) The cost to ship a single box across country is \$12.71. If a company shipped 100 boxes over the course of a year, how much did they spend on shipping?
- 5) A candy store in the mall orders 100 boxes of candy a month. Each box of candy weighs 59.5 grams. What is the total weight (in grams) of the candy the store orders?
- 6) A bag of 100 cherries weighs 71.28 ounces. How many ounces does each cherry weigh?
- 7) A ticket to the carnival cost \$8.40. If there is going to be an estimated 10,000 people attending the carnival, how much money will be made in ticket sales?
- 8) Haley's mom decided to wallpaper the living room. At the store, the wallpaper was selling for \$18.08 for a roll with 100 linear feet. What is the price per linear foot of the wallpaper?
- 9) An orchard owner is buying 4.09 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?
- 10) A typical business card is 0.288 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) Robin was looking on the internet for packing paper. She found a seller that was offering 1,000 linear feet of paper for \$6.82. What is the price per linear foot?
- 12) Ned's water bill this month was \$27.85. 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?

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Answers1. 0.26462. 0.671343. 0.84. 1,2715. 5,9506. 0.71287. 84,0008. 0.18089. 40.910. 2,88011. 0.0068212. 0.002785



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

Answers

- 1) A bag of 1,000 cherries weighs 796.32 ounces. How many ounces does each cherry weigh?
- 2) A candy store in the mall orders 10,000 boxes of candy a month. Each box of candy weighs 59.4 grams. What is the total weight (in grams) of the candy the store orders?
- 3) A spoonful of ice cream contains 0.007 mg of iron. How much iron would you consume if you ate 100 spoonfuls?
- 4) The cost to ship a single box across country is \$13.37. If a company shipped 1,000 boxes over the course of a year, how much did they spend on shipping?
- 5) A round trip from Lana's house to the grocery store is 3.70 miles. Lana estimates since she moved into her house she has gone 1,000 times. How many miles would that mean Lana has travelled?
- 6) A fair food booth was having a sell on burger combos. Each combo cost \$6.39. If they estimate they will sell 1,000 combos over the course of the fair, how much money will they make?
- 7) A ticket to the carnival cost \$5.40. If there is going to be an estimated 1,000 people attending the carnival, how much money will be made in ticket sales?
- 8) A toy company paid \$68,020.40 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?
- 9) Paul's water bill this month was \$29.99. 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?
- 10) An internet company offers internet service with a cap of 1,000 gb for \$90.54 per month. What is the price per gb?
- 11) An electrician paid \$336.71 total for 1,000 feet of wire. How much does he pay per foot of wire?
- 12) Ned has put 100 hours into playing an online video game. He has paid \$94.64 over the course of the entire game. How much did he pay per hour played?

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Answers1. 0.796322. 594,0003. 0.74. 13,3705. 3,7006. 6,3907. 5,4008. 6.802049. 0.00299910. 0.0905411. 0.3367112. 0.9464



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

**Answers**

- 1) An electrician paid \$62.81 total for 100 feet of wire. How much does he pay per foot of wire?
- 2) At the hardware store Janet bought a box with 100 nails and paid \$2.14 total. What is the price per nail?
- 3) A toy company paid \$9,625.86 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) The cost to ship a single box across country is \$10.83. If a company shipped 100 boxes over the course of a year, how much did they spend on shipping?
- 5) Will's water bill this month was \$18.46. 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?
- 6) Gwen's mom decided to wallpaper the living room. At the store, the wallpaper was selling for \$17.69 for a roll with 100 linear feet. What is the price per linear foot of the wallpaper?
- 7) Adam has put 100 hours into playing an online video game. He has paid \$33.66 over the course of the entire game. How much did he pay per hour played?
- 8) Haley was looking on the internet for packing paper. She found a seller that was offering 1,000 linear feet of paper for \$3.81. What is the price per linear foot?
- 9) A fair food booth was having a sell on burger combos. Each combo cost \$6.78. If they estimate they will sell 1,000 combos over the course of the fair, how much money will they make?
- 10) A spoonful of ice cream contains 0.007 mg of iron. How much iron would you consume if you ate 10 spoonfuls?
- 11) An orchard owner is buying 3.46 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?
- 12) A round trip from Rachel's house to the grocery store is 4.30 miles. Rachel estimates since she moved into her house she has gone 100 times. How many miles would that mean Rachel has travelled?

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- 6) Gwen's mom decided to wallpaper the living room. At the store, the wallpaper was selling for \$17.69 for a roll with 100 linear feet. What is the price per linear foot of the wallpaper?
- 7) Adam has put 100 hours into playing an online video game. He has paid \$33.66 over the course of the entire game. How much did he pay per hour played?
- 8) Haley was looking on the internet for packing paper. She found a seller that was offering 1,000 linear feet of paper for \$3.81. What is the price per linear foot?
- 9) A fair food booth was having a sell on burger combos. Each combo cost \$6.78. If they estimate they will sell 1,000 combos over the course of the fair, how much money will they make?
- 10) A spoonful of ice cream contains 0.007 mg of iron. How much iron would you consume if you ate 10 spoonfuls?
- 11) An orchard owner is buying 3.46 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?
- 12) A round trip from Rachel's house to the grocery store is 4.30 miles. Rachel estimates since she moved into her house she has gone 100 times. How many miles would that mean Rachel has travelled?

Answers1. 0.62812. 0.02143. 9.625864. 1,0835. 0.0018466. 0.17697. 0.33668. 0.003819. 6,78010. 0.0711. 34.612. 430



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

Answers

- 1) Emily was looking on the internet for packing paper. She found a seller that was offering 100 linear feet of paper for \$7.47. What is the price per linear foot?
- 2) Victor's water bill this month was \$24.16. 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) A round trip from Tiffany's house to the grocery store is 8.90 miles. Tiffany estimates since she moved into her house she has gone 1,000 times. How many miles would that mean Tiffany has travelled?
- 4) Vanessa's mom decided to wallpaper the living room. At the store, the wallpaper was selling for \$11.12 for a roll with 100 linear feet. What is the price per linear foot of the wallpaper?
- 5) An orchard owner is buying 6.63 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?
- 6) At the hardware store Gwen bought a box with 100 nails and paid \$3.21 total. What is the price per nail?
- 7) A typical business card is 0.256 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)?
- 8) A spoonful of ice cream contains 0.004 mg of iron. How much iron would you consume if you ate 10 spoonfuls?
- 9) An internet company offers internet service with a cap of 1,000 gb for \$50.25 per month. What is the price per gb?
- 10) A toy company paid \$6,341.55 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?
- 11) A bag of 1,000 cherries weighs 781.56 ounces. How many ounces does each cherry weigh?
- 12) A candy store in the mall orders 10,000 boxes of candy a month. Each box of candy weighs 47.9 grams. What is the total weight (in grams) of the candy the store orders?

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Answers1. 0.07472. 0.0024163. 8,9004. 0.11125. 6636. 0.03217. 2,5608. 0.049. 0.0502510. 6.3415511. 0.7815612. 479,000





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

Answers

- 1) Henry's water bill this month was \$21.24. 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?
- 2) Janet's mom decided to wallpaper the living room. At the store, the wallpaper was selling for \$11.18 for a roll with 100 linear feet. What is the price per linear foot of the wallpaper?
- 3) A fair food booth was having a sell on burger combos. Each combo cost \$5.27. If they estimate they will sell 1,000 combos over the course of the fair, how much money will they make?
- 4) The cost to ship a single box across country is \$11.25. If a company shipped 100 boxes over the course of a year, how much did they spend on shipping?
- 5) Lana was looking on the internet for packing paper. She found a seller that was offering 1,000 linear feet of paper for \$6.71. What is the price per linear foot?
- 6) A spoonful of ice cream contains 0.007 mg of iron. How much iron would you consume if you ate 100 spoonfuls?
- 7) An internet company offers internet service with a cap of 1,000 gb for \$20.18 per month. What is the price per gb?
- 8) An electrician paid \$561.71 total for 1,000 feet of wire. How much does he pay per foot of wire?
- 9) A bag of 1,000 cherries weighs 781.56 ounces. How many ounces does each cherry weigh?
- 10) A typical business card is 0.291 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 ticket to the carnival cost \$7.00. If there is going to be an estimated 10,000 people attending the carnival, how much money will be made in ticket sales?
- 12) A candy store in the mall orders 1,000 boxes of candy a month. Each box of candy weighs 40.9 grams. What is the total weight (in grams) of the candy the store orders?

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**Answers**1. **0.002124**2. **0.1118**3. **5,270**4. **1,125**5. **0.00671**6. **0.7**7. **0.02018**8. **0.56171**9. **0.78156**10. **2,910**11. **70,000**12. **40,900**



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

Answers

- 1) Emily's mom decided to wallpaper the living room. At the store, the wallpaper was selling for \$11.91 for a roll with 100 linear feet. What is the price per linear foot of the wallpaper?
- 2) A toy company paid \$7,572.65 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?
- 3) A fair food booth was having a sell on burger combos. Each combo cost \$5.36. If they estimate they will sell 10,000 combos over the course of the fair, how much money will they make?
- 4) An internet company offers internet service with a cap of 100 gb for \$7.35 per month. What is the price per gb?
- 5) An electrician paid \$40.83 total for 100 feet of wire. How much does he pay per foot of wire?
- 6) A candy store in the mall orders 10,000 boxes of candy a month. Each box of candy weighs 41.9 grams. What is the total weight (in grams) of the candy the store orders?
- 7) An orchard owner is buying 7.75 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?
- 8) The cost to ship a single box across country is \$12.91. If a company shipped 100 boxes over the course of a year, how much did they spend on shipping?
- 9) Paul has put 100 hours into playing an online video game. He has paid \$99.36 over the course of the entire game. How much did he pay per hour played?
- 10) A typical business card is 0.281 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)?
- 11) A bag of 1,000 cherries weighs 631.89 ounces. How many ounces does each cherry weigh?
- 12) A spoonful of ice cream contains 0.004 mg of iron. How much iron would you consume if you ate 10 spoonfuls?

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Answers1. 0.11912. 7.572653. 53,6004. 0.07355. 0.40836. 419,0007. 7758. 1,2919. 0.993610. 28.111. 0.6318912. 0.04