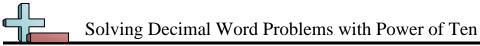
## Solve each problem. Include as many decimal places as possible.

- 1) Rachel's mom decided to wallpaper the living room. At the store, the wallpaper was selling for \$19.54 for a roll with 100 linear feet. What is the price per linear foot of the wallpaper?
- 2) Luke's water bill this month was \$23.82. 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) The cost to ship a single box across country is \$12.09. If a company shipped 100 boxes over the course of a year, how much did they spend on shipping?
- 4) A candy store in the mall orders 10,000 boxes of candy a month. Each box of candy weighs 48.2 grams. What is the total weight (in grams) of the candy the store orders?
- 5) Faye was looking on the internet for packing paper. She found a seller that was offering 100 linear feet of paper for \$7.94. What is the price per linear foot?
- **6)** A ticket to the carnival cost \$7.00. If there is going to be an estimated 1,000 people attending the carnival, how much money will be made in ticket sales?
- 7) An internet company offers internet service with a cap of 1,000 gb for \$40.28 per month. What is the price per gb?
- **8)** A round trip from Emily's house to the grocery store is 8.50 miles. Emily estimates since she moved into her house she has gone 1,000 times. How many miles would that mean Emily has travelled?
- 9) Cody has put 100 hours into playing an online video game. He has paid \$58.14 over the course of the entire game. How much did he pay per hour played?
- **10**) A typical business card is 0.296 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 spoonful of ice cream contains 0.006 mg of iron. How much iron would you consume if you ate 10 spoonfuls?
- **12**) A fair food booth was having a sell on burger combos. Each combo cost \$7.89. If they estimate they will sell 10,000 combos over the course of the fair, how much money will they make?

- . \_\_\_\_\_
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- 12. \_\_\_\_\_



Name:

**Answer Key** 

3.

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

1) Rachel's mom decided to wallpaper the living room. At the store, the wallpaper was selling for \$19.54 for a roll with 100 linear feet. What is the price per linear foot of the wallpaper?

0.1954

<u>Answers</u>

2) Luke's water bill this month was \$23.82. 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?

0.002382

3) The cost to ship a single box across country is \$12.09. If a company shipped 100 boxes over the course of a year, how much did they spend on shipping?

\_\_\_\_\_

1,209

482,000

4) A candy store in the mall orders 10,000 boxes of candy a month. Each box of candy weighs 48.2 grams. What is the total weight (in grams) of the candy the store orders?

0.0794

5) Faye was looking on the internet for packing paper. She found a seller that was offering

7,000

100 linear feet of paper for \$7.94. What is the price per linear foot?

0.04028

**8.500** 

6) A ticket to the carnival cost \$7.00. If there is going to be an estimated 1,000 people attending the carnival, how much money will be made in ticket sales?

0.5814

7) An internet company offers internet service with a cap of 1,000 gb for \$40.28 per month. What is the price per gb?

**29.6** 

**8)** A round trip from Emily's house to the grocery store is 8.50 miles. Emily estimates since she moved into her house she has gone 1,000 times. How many miles would that mean Emily has travelled?

9) Cody has put 100 hours into playing an online video game. He has paid \$58.14 over the course of the entire game. How much did he pay per hour played?

**78,900** 

- **10**) A typical business card is 0.296 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 spoonful of ice cream contains 0.006 mg of iron. How much iron would you consume if you ate 10 spoonfuls?
- **12**) A fair food booth was having a sell on burger combos. Each combo cost \$7.89. If they estimate they will sell 10,000 combos over the course of the fair, how much money will they make?