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

1) A spoonful of ice cream contains 0.005 mg of iron. How much iron would you consume if you ate 100 spoonfuls?
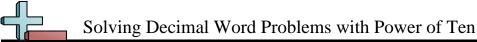
1. _____

2) Isabel's mom decided to wallpaper the living room. At the store, the wallpaper was selling for $14.86 for a roll with 100 linear feet. What is the price per linear foot of the wallpaper?

2. _____

3. _____

3) Katie was looking on the internet for packing paper. She found a seller that was offering 100 linear feet of paper for $6.57. What is the price per linear foot?

4. _____

5. _____

4) A typical business card is 0.293 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)?

6. _____

5) An internet company offers internet service with a cap of 1,000 gb for $80.48 per month. What is the price per gb?

7. _____

8. _____

6) A toy company paid $70,242.12 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. _____

10. _____

7) Luke's water bill this month was $29.00. 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?

11. _____

8) An orchard owner is buying 3.77 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. _____

9) A candy store in the mall orders 10,000 boxes of candy a month. Each box of candy weighs 51.1 grams. What is the total weight (in grams) of the candy the store orders?

10) A ticket to the carnival cost $9.40. If there is going to be an estimated 1,000 people attending the carnival, how much money will be made in ticket sales?

11) At the hardware store Maria bought a box with 100 nails and paid $4.28 total. What is the price per nail?

12) A bag of 100 cherries weighs 75.19 ounces. How many ounces does each cherry weigh?

1-10	92	83	75	67	58	50	42	33	25	17
11-12	8	0								

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

	Answers

1) A spoonful of ice cream contains 0.005 mg of iron. How much iron would you consume if you ate 100 spoonfuls?

1. **0.5**

2) Isabel's mom decided to wallpaper the living room. At the store, the wallpaper was selling for $14.86 for a roll with 100 linear feet. What is the price per linear foot of the wallpaper?

2. **0.1486**

3. **0.0657**

3) Katie was looking on the internet for packing paper. She found a seller that was offering 100 linear feet of paper for $6.57. What is the price per linear foot?

4. **293**

5. **0.08048**

4) A typical business card is 0.293 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)?

6. **7.024212**

7. **0.0029**

5) An internet company offers internet service with a cap of 1,000 gb for $80.48 per month. What is the price per gb?

8. **37.7**

6) A toy company paid $70,242.12 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. **511,000**

10. **9,400**

7) Luke's water bill this month was $29.00. 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?

11. **0.0428**

12. **0.7519**

8) An orchard owner is buying 3.77 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?

9) A candy store in the mall orders 10,000 boxes of candy a month. Each box of candy weighs 51.1 grams. What is the total weight (in grams) of the candy the store orders?

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