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

1) At the hardware store Janet bought a box with 100 nails and paid $2.20 total. What is the price per nail?

2) Rachel was looking on the internet for packing paper. She found a seller that was offering 100 linear feet of paper for $5.39. What is the price per linear foot?

3) Oliver's water bill this month was $27.23. 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?

4) A spoonful of ice cream contains 0 mg of iron. How much iron would you consume if you ate 10 spoonfuls?

5) A fair food booth was having a sell on burger combos. Each combo cost $7.14. If they estimate they will sell 10,000 combos over the course of the fair, how much money will they make?

6) Bianca's mom decided to wallpaper the living room. At the store, the wallpaper was selling for $17.45 for a roll with 100 linear feet. What is the price per linear foot of the wallpaper?

7) A round trip from Robin's house to the grocery store is 6.50 miles. Robin estimates since she moved into her house she has gone 1,000 times. How many miles would that mean Robin has travelled?

8) An electrician paid $548.01 total for 1,000 feet of wire. How much does he pay per foot of wire?

9) The cost to ship a single box across country is $12.48. If a company shipped 100 boxes over the course of a year, how much did they spend on shipping?

10) A ticket to the carnival cost $8.50. If there is going to be an estimated 10,000 people attending the carnival, how much money will be made in ticket sales?

11) A bag of 1,000 cherries weighs 662.64 ounces. How many ounces does each cherry weigh?

12) 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)?

Answers

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

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

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Answers

1. **0.022**
2. **0.0539**
3. **0.002723**
4. **0.06**
5. **71,400**
6. **0.1745**
7. **6,500**
8. **0.5480094**
9. **1,248**
10. **85,000**
11. **0.66264**
12. **294**

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