Using Rate Language

Name:

Solve each problem.

1) A carpenter used 3 boxes of nails to build 8 bird houses. He used _____ of a box on each bird house.

2) Jerry spent 8 days collecting cans and he managed to collect 7 pounds. He collected _____ of a pound each day.

3) A movie theater went through 9 pounds of popcorn every 10 hours. They went through _____ of a pound every hour.

4) A jogger travelled 18 kilometers in 3 days. What is the rate he travelled per day?

5) Emily earned 6 points for every 8 books she read. So if she read only 1 book she would have earned _____ of a point.

6) A scientist used 5 gallons of liquid for every 8 hours he works. He uses _____ of a gallon each hour he works.

7) A baker used 6 cups of flour to make 7 batches of brownies. He used _____ of a cup of flour to make 1 batch of brownies.

8) A restaurant went through 9 boxes of plastic forks over 10 months. They used _____ of a box every month.

9) A tailor used 7 meters of string to make 8 Halloween masks. He used _____ of a meter for each mask.

10) An experienced carpenter could build a house in 9 days. How much would he have finished if he worked for 6 days?

11) A bouquet had 3 flowers and sold for $30, which is a rate of $___ per flower.

12) An ice machine used 7 gallons of water after running non-stop for 10 hours. How many gallons of water did it use each hour?

13) A baker used 2 bags of flour every 3 days. He used _____ of a bag each day.

14) It took a pet store 6 weeks to sell 54 cats. What is the rate sold per week?

15) A pencil company used 24 grams of rubber to make 3 pencils, which is a rate of ___ grams per pencil.

Answers

1. _____

2. _____

3. _____

4. _____

5. _____

6. _____

7. _____

8. _____

9. _____

10. _____

11. _____

12. _____

13. _____

14. _____

15. _____

Name:

Solve each problem.

Answers

1) A carpenter used 3 boxes of nails to build 8 bird houses. He used ＿＿ of a box on each bird house.

1. $\dfrac{3}{8}$

2) Jerry spent 8 days collecting cans and he managed to collect 7 pounds. He collected ＿＿ of a pound each day.

2. $\dfrac{7}{8}$

3) A movie theater went through 9 pounds of popcorn every 10 hours. They went through ＿＿ of a pound every hour.

3. $\dfrac{9}{10}$

4) A jogger travelled 18 kilometers in 3 days. What is the rate he travelled per day?

4. **6**

5) Emily earned 6 points for every 8 books she read. So if she read only 1 book she would have earned ＿＿ of a point.

5. $\dfrac{6}{8}$

6) A scientist used 5 gallons of liquid for every 8 hours he works. He uses ＿＿ of a gallon each hour he works.

6. $\dfrac{5}{8}$

7) A baker used 6 cups of flour to make 7 batches of brownies. He used ＿＿ of a cup of flour to make 1 batch of brownies.

7. $\dfrac{6}{7}$

8) A restaurant went through 9 boxes of plastic forks over 10 months. They used ＿＿ of a box every month.

8. $\dfrac{9}{10}$

9) A tailor used 7 meters of string to make 8 Halloween masks. He used ＿＿ of a meter for each mask.

9. $\dfrac{7}{8}$

10) An experienced carpenter could build a house in 9 days. How much would he have finished if he worked for 6 days?

10. $\dfrac{6}{9}$

11) A bouquet had 3 flowers and sold for $30, which is a rate of $＿＿ per flower.

11. **10**

12) An ice machine used 7 gallons of water after running non-stop for 10 hours. How many gallons of water did it use each hour?

12. $\dfrac{7}{10}$

13) A baker used 2 bags of flour every 3 days. He used ＿＿ of a bag each day.

13. $\dfrac{2}{3}$

14) It took a pet store 6 weeks to sell 54 cats. What is the rate sold per week?

14. **9**

15) A pencil company used 24 grams of rubber to make 3 pencils, which is a rate of ＿＿ grams per pencil.

15. **8**

1-10	93	87	80	73	67	60	53	47	40	33
11-15	27	20	13	7	0					