Using Rate Language

Name:

Solve each problem.

Answers

1) An ice machine used 5 gallons of water after running non-stop for 6 hours. How many gallons of water did it use each hour?

2) A restaurant went through 5 boxes of plastic forks over 7 months. They used ____ of a box every month.

3) A recipe had 2 tablespoons of seasoning to 5 cups of flour. So there is ____ of a tablespoon of seasoning for each cup of flour.

4) A forklift operator moved 16 pallets in 8 hours. What is the rate moved per hour?

5) Maria earned 5 points for every 10 books she read. So if she read only 1 book she would have earned ____ of a point.

6) A scientist used 7 gallons of liquid for every 9 hours he works. He uses ____ of a gallon each hour he works.

7) A gardener used 5 kilograms of fertilizer over the course of 7 weeks. How much fertilizer did they use each week?

8) A jogger travelled 70 kilometers in 10 days. What is the rate he travelled per day?

9) A tailor used 6 meters of string to make 9 Halloween masks. He used ____ of a meter for each mask.

10) It took a pet store 7 weeks to sell 49 cats. What is the rate sold per week?

11) A lumber company had 5 bundles of wood (25 pieces total). What is the rate of pieces per bundle?

12) A carpenter installed 80 sheets of drywall in 10 minutes. What is the rate per minute?

13) An experienced carpenter could build a house in 6 days. How much would he have finished if he worked for 3 days?

14) A toy company used 40 pints of plastic to make 5 action figures, which is a rate of ___ pints per figure.

15) For every 3 miles Tiffany jogged, John jogged 2 miles. If Tiffany jogged 1 mile, how far would John have jogged?

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

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

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Answers

1. $5/6$
2. $5/7$
3. $2/5$
4. 2
5. $5/10$
6. $7/9$
7. $5/7$
8. 7
9. $6/9$
10. 7
11. 5
12. 8
13. $3/6$
14. 8
15. $2/3$