

**Solve each problem.****Answers**

- 1) A pencil company used 48 grams of rubber to make 6 pencils, which is a rate of ____ grams per pencil.
- 2) An ice machine used 4 gallons of water after running non-stop for 7 hours. How many gallons of water did it use each hour?
- 3) A candy company used 28 gallons of syrup to make 4 batches of candy. What is the rate of syrup per batch?
- 4) A carpenter used 2 boxes of nails to build 3 bird houses. He used ____ of a box on each bird house.
- 5) A recipe had 7 tablespoons of seasoning to 8 cups of flour. So there is ____ of a tablespoon of seasoning for each cup of flour.
- 6) A baker used 7 bags of flour every 8 days. He used ____ of a bag each day.
- 7) A computer programmer worked for 10 hours and earned \$60, which is a rate of \$____ per hour.
- 8) A tailor used 2 meters of string to make 4 Halloween masks. He used ____ of a meter for each mask.
- 9) A printer took 9 minutes to print 36 pages. What is the rate of pages per minute?
- 10) A forklift operator moved 16 pallets in 8 hours. What is the rate moved per hour?
- 11) During the lunch rush a fast food joint sold 4 sodas and earned \$20, which is a rate of ____ dollars per soda.
- 12) A restaurant went through 5 boxes of plastic forks over 8 months. They used ____ of a box every month.
- 13) Ned spent 10 days collecting cans and he managed to collect 5 pounds. He collected ____ of a pound each day.
- 14) A candy company used 35 pints of chocolate to make 5 boxes of candy. What is the rate of pints of chocolate per box?
- 15) A baker used 2 cups of flour to make 3 batches of brownies. He used ____ of a cup of flour to make 1 batch of brownies.

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

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Answers

1. 8
2. $\frac{4}{7}$
3. 7
4. $\frac{2}{3}$
5. $\frac{7}{8}$
6. $\frac{7}{8}$
7. 6
8. $\frac{2}{4}$
9. 4
10. 2
11. 5
12. $\frac{5}{8}$
13. $\frac{5}{10}$
14. 7
15. $\frac{2}{3}$