

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

- 1) For every 6 miles Faye jogged, Tom jogged 2 miles. If Faye jogged 1 mile, how far would Tom have jogged?
- 2) We paid \$10 for 2 hamburgers, which is a rate of \$____ per hamburger.
- 3) A gardener used 3 kilograms of fertilizer over the course of 10 weeks. How much fertilizer did they use each week?
- 4) An experienced carpenter could build a house in 8 days. How much would he have finished if he worked for 6 days?
- 5) A machine worked for 8 hours and used 5 kilowatts of electricity. The machine used ____ of a kilowatt each hour it worked.
- 6) Nancy earned 6 points for every 8 books she read. So if she read only 1 book she would have earned ____ of a point.
- 7) A candy company used 72 gallons of syrup to make 8 batches of candy. What is the rate of syrup per batch?
- 8) An industrial machine is able to make 27 pens in 9 seconds. What is the rate made per second?
- 9) A tailor used 4 meters of string to make 5 Halloween masks. He used ____ of a meter for each mask.
- 10) A baker used 4 bags of flour every 7 days. He used ____ of a bag each day.
- 11) A recipe had 2 tablespoons of seasoning to 4 cups of flour. So there is ____ of a tablespoon of seasoning for each cup of flour.
- 12) A computer programmer worked for 3 hours and earned \$24, which is a rate of \$____ per hour.
- 13) A restaurant went through 2 boxes of plastic forks over 3 months. They used ____ of a box every month.
- 14) A movie theater went through 2 pounds of popcorn every 10 hours. They went through ____ of a pound every hour.
- 15) An ice machine used 3 gallons of water after running non-stop for 6 hours. How many gallons of water did it use each hour?

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

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Answers

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