

**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?

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14. \_\_\_\_\_
15. \_\_\_\_\_

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**Answers**

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