

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

- 1) A carpenter used 6 boxes of nails to build 7 bird houses. He used ____ of a box on each bird house.
- 2) Vanessa earned 2 points for every 3 books she read. So if she read only 1 book she would have earned ____ of a point.
- 3) A gardener used 2 kilograms of fertilizer over the course of 3 weeks. How much fertilizer did they use each week?
- 4) A candy company used 18 pints of chocolate to make 9 boxes of candy. What is the rate of pints of chocolate per box?
- 5) A baker used 5 bags of flour every 9 days. He used ____ of a bag each day.
- 6) It took a pet store 6 weeks to sell 12 cats. What is the rate sold per week?
- 7) Cody spent 3 days collecting cans and he managed to collect 2 pounds. He collected ____ of a pound each day.
- 8) A jogger travelled 8 kilometers in 4 days. What is the rate he travelled per day?
- 9) A machine worked for 10 hours and used 8 kilowatts of electricity. The machine used ____ of a kilowatt each hour it worked.
- 10) A scientist used 2 gallons of liquid for every 5 hours he works. He uses ____ of a gallon each hour he works.
- 11) A restaurant went through 5 boxes of plastic forks over 10 months. They used ____ of a box every month.
- 12) During the lunch rush a fast food joint sold 4 sodas and earned \$28, which is a rate of ____ dollars per soda.
- 13) An ice machine used 2 gallons of water after running non-stop for 3 hours. How many gallons of water did it use each hour?
- 14) A warehouse placed 10 equal weight boxes on a scale. Total they weighed 4 pounds. Each box weighed ____ of a pound.
- 15) We paid \$36 for 4 hamburgers, which is a rate of \$____ per hamburger.

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

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