

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

- 1) For every 5 miles Debby jogged, Sam jogged 2 miles. If Debby jogged 1 mile, how far would Sam have jogged?
- 2) A machine worked for 4 hours and used 3 kilowatts of electricity. The machine used _____ of a kilowatt each hour it worked.
- 3) 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?
- 4) An industrial machine is able to make 36 pens in 9 seconds. What is the rate made per second?
- 5) A lumber company had 3 bundles of wood (18 pieces total). What is the rate of pieces per bundle?
- 6) It took a pet store 6 weeks to sell 36 cats. What is the rate sold per week?
- 7) A recipe had 4 tablespoons of seasoning to 8 cups of flour. So there is _____ of a tablespoon of seasoning for each cup of flour.
- 8) A bouquet had 10 flowers and sold for \$40, which is a rate of \$____ per flower.
- 9) A printer took 7 minutes to print 28 pages. What is the rate of pages per minute?
- 10) A movie theater went through 5 pounds of popcorn every 7 hours. They went through _____ of a pound every hour.
- 11) A carpenter used 3 boxes of nails to build 8 bird houses. He used _____ of a box on each bird house.
- 12) An experienced carpenter could build a house in 7 days. How much would he have finished if he worked for 3 days?
- 13) A warehouse placed 7 equal weight boxes on a scale. Total they weighed 3 pounds. Each box weighed _____ of a pound.
- 14) A candy company used 60 gallons of syrup to make 10 batches of candy. What is the rate of syrup per batch?
- 15) Jerry spent 7 days collecting cans and he managed to collect 4 pounds. He collected _____ of a pound each day.

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

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Answers

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