

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

- 1) During the lunch rush a fast food joint sold 10 sodas and earned \$30, which is a rate of \_\_\_\_\_ dollars per soda.
- 2) A fair owner made 18 dollars when a group of 9 people entered, which is a rate of \_\_\_\_\_ dollar per person.
- 3) A carpenter installed 8 sheets of drywall in 2 minutes. What is the rate per minute?
- 4) An industrial machine is able to make 40 pens in 8 seconds. What is the rate made per second?
- 5) An ice machine used 3 gallons of water after running non-stop for 4 hours. How many gallons of water did it use each hour?
- 6) An experienced carpenter could build a house in 5 days. How much would he have finished if he worked for 3 days?
- 7) A warehouse placed 5 equal weight boxes on a scale. Total they weighed 3 pounds. Each box weighed \_\_\_\_\_ of a pound.
- 8) A printer took 2 minutes to print 20 pages. What is the rate of pages per minute?
- 9) A computer programmer worked for 8 hours and earned \$48, which is a rate of \$\_\_\_\_\_ per hour.
- 10) A recipe had 4 tablespoons of seasoning to 6 cups of flour. So there is \_\_\_\_\_ of a tablespoon of seasoning for each cup of flour.
- 11) A pencil company used 42 grams of rubber to make 7 pencils, which is a rate of \_\_\_\_\_ grams per pencil.
- 12) A tailor used 5 meters of string to make 7 Halloween masks. He used \_\_\_\_\_ of a meter for each mask.
- 13) A carpenter used 2 boxes of nails to build 3 bird houses. He used \_\_\_\_\_ of a box on each bird house.
- 14) A machine worked for 5 hours and used 4 kilowatts of electricity. The machine used \_\_\_\_\_ of a kilowatt each hour it worked.
- 15) A gardener used 6 kilograms of fertilizer over the course of 8 weeks. How much fertilizer did they use each week?

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



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Answers

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