

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

- 1) A scientist used 2 gallons of liquid for every 7 hours he works. He uses \_\_\_\_ of a gallon each hour he works.
- 2) A gardener used 4 kilograms of fertilizer over the course of 5 weeks. How much fertilizer did they use each week?
- 3) A fair owner made 60 dollars when a group of 10 people entered, which is a rate of \_\_\_\_ dollar per person.
- 4) It took a pet store 8 weeks to sell 64 cats. What is the rate sold per week?
- 5) A bouquet had 5 flowers and sold for \$25, which is a rate of \$\_\_\_\_ per flower.
- 6) A pencil company used 49 grams of rubber to make 7 pencils, which is a rate of \_\_\_\_ grams per pencil.
- 7) We paid \$10 for 2 hamburgers, which is a rate of \$\_\_\_\_ per hamburger.
- 8) A baker used 7 bags of flour every 9 days. He used \_\_\_\_ of a bag each day.
- 9) A tailor used 7 meters of string to make 9 Halloween masks. He used \_\_\_\_ of a meter for each mask.
- 10) A carpenter used 7 boxes of nails to build 10 bird houses. He used \_\_\_\_ of a box on each bird house.
- 11) Will spent 3 days collecting cans and he managed to collect 2 pounds. He collected \_\_\_\_ of a pound each day.
- 12) An experienced carpenter could build a house in 9 days. How much would he have finished if he worked for 5 days?
- 13) A machine worked for 10 hours and used 6 kilowatts of electricity. The machine used \_\_\_\_ of a kilowatt each hour it worked.
- 14) An industrial machine is able to make 8 pens in 2 seconds. What is the rate made per second?
- 15) A movie theater went through 2 pounds of popcorn every 5 hours. They went through \_\_\_\_ of a pound every hour.

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**Answers**

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