

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

- 1) A tailor used 3 meters of string to make 7 Halloween masks. He used ____ of a meter for each mask.
- 2) A scientist used 2 gallons of liquid for every 3 hours he works. He uses ____ of a gallon each hour he works.
- 3) A carpenter installed 12 sheets of drywall in 6 minutes. What is the rate per minute?
- 4) During the lunch rush a fast food joint sold 7 sodas and earned \$56, which is a rate of ____ dollars per soda.
- 5) A pencil company used 6 grams of rubber to make 3 pencils, which is a rate of ____ grams per pencil.
- 6) A baker used 5 bags of flour every 8 days. He used ____ of a bag each day.
- 7) A warehouse placed 7 equal weight boxes on a scale. Total they weighed 3 pounds. Each box weighed ____ of a pound.
- 8) A restaurant went through 2 boxes of plastic forks over 3 months. They used ____ of a box every month.
- 9) A forklift operator moved 54 pallets in 6 hours. What is the rate moved per hour?
- 10) A machine worked for 4 hours and used 2 kilowatts of electricity. The machine used ____ of a kilowatt each hour it worked.
- 11) A movie theater went through 3 pounds of popcorn every 10 hours. They went through ____ of a pound every hour.
- 12) A bouquet had 4 flowers and sold for \$28, which is a rate of \$____ per flower.
- 13) A printer took 5 minutes to print 15 pages. What is the rate of pages per minute?
- 14) An industrial machine is able to make 20 pens in 10 seconds. What is the rate made per second?
- 15) An experienced carpenter could build a house in 7 days. How much would he have finished if he worked for 5 days?

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

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Answers

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