

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

- 1) A movie theater went through 2 pounds of popcorn every 9 hours. They went through \_\_\_\_\_ of a pound every hour.
- 2) A bouquet had 9 flowers and sold for \$90, which is a rate of \$\_\_\_\_\_ per flower.
- 3) A carpenter installed 10 sheets of drywall in 5 minutes. What is the rate per minute?
- 4) During the lunch rush a fast food joint sold 7 sodas and earned \$14, which is a rate of \_\_\_\_\_ dollars per soda.
- 5) A carpenter used 2 boxes of nails to build 4 bird houses. He used \_\_\_\_\_ of a box on each bird house.
- 6) A machine worked for 10 hours and used 7 kilowatts of electricity. The machine used \_\_\_\_\_ of a kilowatt each hour it worked.
- 7) It took a pet store 7 weeks to sell 49 cats. What is the rate sold per week?
- 8) A scientist used 4 gallons of liquid for every 6 hours he works. He uses \_\_\_\_\_ of a gallon each hour he works.
- 9) A fair owner made 48 dollars when a group of 8 people entered, which is a rate of \_\_\_\_\_ dollar per person.
- 10) A toy company used 63 pints of plastic to make 9 action figures, which is a rate of \_\_\_\_\_ pints per figure.
- 11) A printer took 8 minutes to print 48 pages. What is the rate of pages per minute?
- 12) A pencil company used 20 grams of rubber to make 5 pencils, which is a rate of \_\_\_\_\_ grams per pencil.
- 13) An experienced carpenter could build a house in 6 days. How much would he have finished if he worked for 5 days?
- 14) Sarah earned 2 points for every 9 books she read. So if she read only 1 book she would have earned \_\_\_\_\_ of a point.
- 15) A tailor used 3 meters of string to make 5 Halloween masks. He used \_\_\_\_\_ of a meter for each mask.

1. \_\_\_\_\_
2. \_\_\_\_\_
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15. \_\_\_\_\_

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**Answers**

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