

**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) Rachel 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. _____
3. _____
4. _____
5. _____
6. _____
7. _____
8. _____
9. _____
10. _____
11. _____
12. _____
13. _____
14. _____
15. _____

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Answers

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