

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

- 1) A candy company used 36 pints of chocolate to make 4 boxes of candy. What is the rate of pints of chocolate per box?
- 2) A machine worked for 4 hours and used 2 kilowatts of electricity. The machine used \_\_\_\_\_ of a kilowatt each hour it worked.
- 3) It took a pet store 7 weeks to sell 21 cats. What is the rate sold per week?
- 4) A jogger travelled 30 kilometers in 10 days. What is the rate he travelled per day?
- 5) An industrial machine is able to make 80 pens in 8 seconds. What is the rate made per second?
- 6) A pencil company used 100 grams of rubber to make 10 pencils, which is a rate of \_\_\_\_\_ grams per pencil.
- 7) A lumber company had 4 bundles of wood (24 pieces total). What is the rate of pieces per bundle?
- 8) A scientist used 3 gallons of liquid for every 4 hours he works. He uses \_\_\_\_\_ of a gallon each hour he works.
- 9) An ice machine used 2 gallons of water after running non-stop for 5 hours. How many gallons of water did it use each hour?
- 10) A toy company used 40 pints of plastic to make 5 action figures, which is a rate of \_\_\_\_\_ pints per figure.
- 11) Sam earned \$16 for mowing 4 lawns. What is the rate earned per lawn mowed?
- 12) A forklift operator moved 15 pallets in 3 hours. What is the rate moved per hour?
- 13) A candy company used 70 gallons of syrup to make 10 batches of candy. What is the rate of syrup per batch?
- 14) A printer took 7 minutes to print 56 pages. What is the rate of pages per minute?
- 15) A computer programmer worked for 3 hours and earned \$24, which is a rate of \$\_\_\_\_\_ per hour.

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

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**Answers**

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