

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

- 1) We paid \$40 for 8 hamburgers, which is a rate of \$___ per hamburger.
- 2) A pencil company used 60 grams of rubber to make 10 pencils, which is a rate of ___ grams per pencil.
- 3) An industrial machine is able to make 9 pens in 3 seconds. What is the rate made per second?
- 4) It took a pet store 10 weeks to sell 80 cats. What is the rate sold per week?
- 5) For every 4 miles Vanessa jogged, Cody jogged 3 miles. If Vanessa jogged 1 miles, how far would Cody have jogged?
- 6) A tailor used 2 meters of string to make 10 Halloween masks. He used ___ of a meter for each mask.
- 7) A machine worked for 5 hours and used 4 kilowatts of electricity. The machine used ___ of a kilowatt each hour it worked.
- 8) A candy company used 8 gallons of syrup to make 4 batches of candy. What is the rate of syrup per batch?
- 9) Oliver earned \$12 for mowing 3 lawns. What is the rate earned per lawn mowed?
- 10) A baker used 4 cups of flour to make 5 batches of brownies. He used ___ of a cup of flour to make 1 batch of brownies.
- 11) A computer programmer worked for 10 hours and earned \$70, which is a rate of \$___ per hour.
- 12) A scientist used 2 gallons of liquid for every 3 hours he works. He uses ___ of a gallon each hour he works.
- 13) A fair owner made 18 dollars when a group of 3 people entered, which is a rate of ___ dollar per person.
- 14) Luke spent 8 days collecting cans and he managed to collect 6 pounds. He collected ___ of a pound each day.
- 15) A jogger travelled 50 kilometers in 5 days. What is the rate he travelled per day?

1. _____
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15. _____

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Answers

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