



## Using Rate Language

Name: \_\_\_\_\_

Solve each problem.

- 1) A gardener used 2 kilograms of fertilizer over the course of 4 weeks. How much fertilizer did they use each week?  
\_\_\_\_\_
- 2) A pencil company used 30 grams of rubber to make 3 pencils, which is a rate of \_\_\_\_\_ grams per pencil.  
\_\_\_\_\_
- 3) A warehouse placed 5 equal weight boxes on a scale. Total they weighed 4 pounds. Each box weighed \_\_\_\_\_ of a pound.  
\_\_\_\_\_
- 4) A restaurant went through 3 boxes of plastic forks over 6 months. They used \_\_\_\_\_ of a box every month.  
\_\_\_\_\_
- 5) An ice machine used 5 gallons of water after running non-stop for 7 hours. How many gallons of water did it use each hour?  
\_\_\_\_\_
- 6) An experienced carpenter could build a house in 5 days. How much would he have finished if he worked for 4 days?  
\_\_\_\_\_
- 7) We paid \$20 for 2 hamburgers, which is a rate of \$\_\_\_\_\_ per hamburger.  
\_\_\_\_\_
- 8) A carpenter used 7 boxes of nails to build 9 bird houses. He used \_\_\_\_\_ of a box on each bird house.  
\_\_\_\_\_
- 9) A machine worked for 8 hours and used 7 kilowatts of electricity. The machine used \_\_\_\_\_ of a kilowatt each hour it worked.  
\_\_\_\_\_
- 10) A fair owner made 30 dollars when a group of 10 people entered, which is a rate of \_\_\_\_\_ dollar per person.  
\_\_\_\_\_
- 11) A scientist used 4 gallons of liquid for every 5 hours he works. He uses \_\_\_\_\_ of a gallon each hour he works.  
\_\_\_\_\_
- 12) During the lunch rush a fast food joint sold 9 sodas and earned \$18, which is a rate of \_\_\_\_\_ dollars per soda.  
\_\_\_\_\_
- 13) A movie theater went through 5 pounds of popcorn every 8 hours. They went through \_\_\_\_\_ of a pound every hour.  
\_\_\_\_\_
- 14) Billy earned \$20 for mowing 5 lawns. What is the rate earned per lawn mowed?  
\_\_\_\_\_
- 15) A baker used 2 cups of flour to make 6 batches of brownies. He used \_\_\_\_\_ of a cup of flour to make 1 batch of brownies.  
\_\_\_\_\_

## Answers

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



Solve each problem.

- 1) A gardener used 2 kilograms of fertilizer over the course of 4 weeks. How much fertilizer did they use each week?  
1.  $\frac{2}{4}$
- 2) A pencil company used 30 grams of rubber to make 3 pencils, which is a rate of \_\_\_\_ grams per pencil.  
2.  $\frac{10}{4}$
- 3) A warehouse placed 5 equal weight boxes on a scale. Total they weighed 4 pounds. Each box weighed \_\_\_\_ of a pound.  
3.  $\frac{4}{5}$
- 4) A restaurant went through 3 boxes of plastic forks over 6 months. They used \_\_\_\_ of a box every month.  
4.  $\frac{3}{6}$
- 5) An ice machine used 5 gallons of water after running non-stop for 7 hours. How many gallons of water did it use each hour?  
5.  $\frac{5}{7}$
- 6) An experienced carpenter could build a house in 5 days. How much would he have finished if he worked for 4 days?  
6.  $\frac{4}{5}$
- 7) We paid \$20 for 2 hamburgers, which is a rate of \$\_\_\_\_ per hamburger.  
7.  $\frac{10}{2}$
- 8) A carpenter used 7 boxes of nails to build 9 bird houses. He used \_\_\_\_ of a box on each bird house.  
8.  $\frac{7}{9}$
- 9) A machine worked for 8 hours and used 7 kilowatts of electricity. The machine used \_\_\_\_ of a kilowatt each hour it worked.  
9.  $\frac{7}{8}$
- 10) A fair owner made 30 dollars when a group of 10 people entered, which is a rate of \_\_\_\_ dollar per person.  
10.  $\frac{3}{4}$
- 11) A scientist used 4 gallons of liquid for every 5 hours he works. He uses \_\_\_\_ of a gallon each hour he works.  
11.  $\frac{4}{5}$
- 12) During the lunch rush a fast food joint sold 9 sodas and earned \$18, which is a rate of \_\_\_\_ dollars per soda.  
12.  $\frac{2}{5}$
- 13) A movie theater went through 5 pounds of popcorn every 8 hours. They went through \_\_\_\_ of a pound every hour.  
13.  $\frac{5}{8}$
- 14) Billy earned \$20 for mowing 5 lawns. What is the rate earned per lawn mowed?  
14.  $\frac{4}{2}$
- 15) A baker used 2 cups of flour to make 6 batches of brownies. He used \_\_\_\_ of a cup of flour to make 1 batch of brownies.  
15.  $\frac{2}{6}$

**Answers** $\frac{2}{4}$  $\frac{10}{4}$  $\frac{4}{5}$  $\frac{3}{6}$  $\frac{5}{7}$  $\frac{4}{5}$  $\frac{10}{2}$  $\frac{7}{9}$  $\frac{7}{8}$  $\frac{3}{4}$  $\frac{4}{5}$  $\frac{2}{5}$  $\frac{5}{8}$  $\frac{4}{2}$  $\frac{2}{6}$