Using Rate Language

Name: _____

Solve each problem.

1) A baker used 2 bags of flour every 4 days. He used _____ of a bag each day.

2) A printer took 10 minutes to print 70 pages. What is the rate of pages per minute?

3) A candy company used 80 pints of chocolate to make 10 boxes of candy. What is the rate of pints of chocolate per box?

4) A machine worked for 8 hours and used 2 kilowatts of electricity. The machine used _____ of a kilowatt each hour it worked.

5) A warehouse placed 5 equal weight boxes on a scale. Total they weighed 3 pounds. Each box weighed _____ of a pound.

6) Bianca earned 5 points for every 6 books she read. So if she read only 1 book she would have earned _____ of a point.

7) Mike spent 7 days collecting cans and he managed to collect 5 pounds. He collected _____ of a pound each day.

8) It took a pet store 3 weeks to sell 6 cats. What is the rate sold per week?

9) A bouquet had 6 flowers and sold for $12, which is a rate of $___ per flower.

10) We paid $8 for 4 hamburgers, which is a rate of $___ per hamburger.

11) A gardener used 3 kilograms of fertilizer over the course of 5 weeks. How much fertilizer did they use each week?

12) An ice machine used 2 gallons of water after running non-stop for 9 hours. How many gallons of water did it use each hour?

13) A toy company used 12 pints of plastic to make 6 action figures, which is a rate of ___ pints per figure.

14) An experienced carpenter could build a house in 9 days. How much would he have finished if he worked for 4 days?

15) A scientist used 2 gallons of liquid for every 4 hours he works. He uses _____ of a gallon each hour he works.

Answers

1. _____

2. _____

3. _____

4. _____

5. _____

6. _____

7. _____

8. _____

9. _____

10. _____

11. _____

12. _____

13. _____

14. _____

15. _____

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1-10	93	87	80	73	67	60	53	47	40	33
11-15	27	20	13	7	0					

Solve each problem.

1) A baker used 2 bags of flour every 4 days. He used _____ of a bag each day.

1. $\frac{2}{4}$

2) A printer took 10 minutes to print 70 pages. What is the rate of pages per minute?

2. 7

3) A candy company used 80 pints of chocolate to make 10 boxes of candy. What is the rate of pints of chocolate per box?

3. 8

4. $\frac{2}{8}$

4) A machine worked for 8 hours and used 2 kilowatts of electricity. The machine used _____ of a kilowatt each hour it worked.

5. $\frac{3}{5}$

5) A warehouse placed 5 equal weight boxes on a scale. Total they weighed 3 pounds. Each box weighed _____ of a pound.

6. $\frac{5}{6}$

6) Bianca earned 5 points for every 6 books she read. So if she read only 1 book she would have earned _____ of a point.

7. $\frac{5}{7}$

7) Mike spent 7 days collecting cans and he managed to collect 5 pounds. He collected _____ of a pound each day.

8. 2

9. 2

8) It took a pet store 3 weeks to sell 6 cats. What is the rate sold per week?

10. 2

9) A bouquet had 6 flowers and sold for $12, which is a rate of $___ per flower.

11. $\frac{3}{5}$

12. $\frac{2}{9}$

10) We paid $8 for 4 hamburgers, which is a rate of $___ per hamburger.

13. 2

11) A gardener used 3 kilograms of fertilizer over the course of 5 weeks. How much fertilizer did they use each week?

14. $\frac{4}{9}$

15. $\frac{2}{4}$

12) An ice machine used 2 gallons of water after running non-stop for 9 hours. How many gallons of water did it use each hour?

13) A toy company used 12 pints of plastic to make 6 action figures, which is a rate of ___ pints per figure.

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