Using Rate Language

Name: _____

Solve each problem.

1) A warehouse placed 9 equal weight boxes on a scale. Total they weighed 6 pounds. Each box weighed _____ of a pound.

2) A bouquet had 6 flowers and sold for $54, which is a rate of $___ per flower.

3) A recipe had 2 tablespoons of seasoning to 7 cups of flour. So there is _____ of a tablespoon of seasoning for each cup of flour.

4) A restaurant went through 4 boxes of plastic forks over 9 months. They used _____ of a box every month.

5) A computer programmer worked for 4 hours and earned $28, which is a rate of $___ per hour.

6) An industrial machine is able to make 12 pens in 3 seconds. What is the rate made per second?

7) A fair owner made 32 dollars when a group of 8 people entered, which is a rate of ___ dollar per person.

8) A lumber company had 4 bundles of wood (24 pieces total). What is the rate of pieces per bundle?

9) A machine worked for 10 hours and used 7 kilowatts of electricity. The machine used _____ of a kilowatt each hour it worked.

10) For every 10 miles Isabel jogged, Kaleb jogged 8 miles. If Isabel jogged 1 mile, how far would Kaleb have jogged?

11) An ice machine used 2 gallons of water after running non-stop for 3 hours. How many gallons of water did it use each hour?

12) During the lunch rush a fast food joint sold 10 sodas and earned $20, which is a rate of ___ dollars per soda.

13) A movie theater went through 4 pounds of popcorn every 10 hours. They went through _____ of a pound every hour.

14) A carpenter used 4 boxes of nails to build 5 bird houses. He used _____ of a box on each bird house.

15) A printer took 3 minutes to print 30 pages. What is the rate of pages per minute?

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					

Name: **Answer Key**

Solve each problem.

1) A warehouse placed 9 equal weight boxes on a scale. Total they weighed 6 pounds. Each box weighed ____ of a pound.

1. **6/9**

2) A bouquet had 6 flowers and sold for $54, which is a rate of $___ per flower.

2. **9**

3) A recipe had 2 tablespoons of seasoning to 7 cups of flour. So there is ____ of a tablespoon of seasoning for each cup of flour.

3. **2/7**

4) A restaurant went through 4 boxes of plastic forks over 9 months. They used ____ of a box every month.

4. **4/9**

5) A computer programmer worked for 4 hours and earned $28, which is a rate of $___ per hour.

5. **7**

6) An industrial machine is able to make 12 pens in 3 seconds. What is the rate made per second?

6. **4**

7. **4**

7) A fair owner made 32 dollars when a group of 8 people entered, which is a rate of ___ dollar per person.

8. **6**

8) A lumber company had 4 bundles of wood (24 pieces total). What is the rate of pieces per bundle?

9. **7/10**

9) A machine worked for 10 hours and used 7 kilowatts of electricity. The machine used ____ of a kilowatt each hour it worked.

10. **8/10**

11. **2/3**

10) For every 10 miles Isabel jogged, Kaleb jogged 8 miles. If Isabel jogged 1 mile, how far would Kaleb have jogged?

12. **2**

11) An ice machine used 2 gallons of water after running non-stop for 3 hours. How many gallons of water did it use each hour?

13. **4/10**

14. **4/5**

12) During the lunch rush a fast food joint sold 10 sodas and earned $20, which is a rate of ___ dollars per soda.

15. **10**

13) A movie theater went through 4 pounds of popcorn every 10 hours. They went through ____ of a pound every hour.

14) A carpenter used 4 boxes of nails to build 5 bird houses. He used ____ of a box on each bird house.

15) A printer took 3 minutes to print 30 pages. What is the rate of pages per minute?

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