Solve each problem.

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

1. _____

2) Rachel earned 2 points for every 6 books she read. So if she read only 1 book she would have earned ____ of a point.

2. _____

3) An ice machine used 2 gallons of water after running non-stop for 4 hours. How many gallons of water did it use each hour?

3. _____

4. _____

4) A gardener used 2 kilograms of fertilizer over the course of 8 weeks. How much fertilizer did they use each week?

5. _____

5) We paid $16 for 4 hamburgers, which is a rate of $___ per hamburger.

6. _____

7. _____

6) A forklift operator moved 81 pallets in 9 hours. What is the rate moved per hour?

8. _____

7) A warehouse placed 4 equal weight boxes on a scale. Total they weighed 2 pounds. Each box weighed ____ of a pound.

9. _____

8) A baker used 3 bags of flour every 6 days. He used ____ of a bag each day.

10. _____

11. _____

9) An industrial machine is able to make 27 pens in 3 seconds. What is the rate made per second?

12. _____

10) It took a pet store 8 weeks to sell 32 cats. What is the rate sold per week?

13. _____

11) For every 7 miles Nancy jogged, Frank jogged 2 miles. If Nancy jogged 1 mile, how far would Frank have jogged?

14. _____

15. _____

12) A machine worked for 7 hours and used 2 kilowatts of electricity. The machine used ____ of a kilowatt each hour it worked.

13) A recipe had 3 tablespoons of seasoning to 9 cups of flour. So there is ____ of a tablespoon of seasoning for each cup of flour.

14) A baker used 2 cups of flour to make 3 batches of brownies. He used ____ of a cup of flour to make 1 batch of brownies.

15) A pencil company used 18 grams of rubber to make 6 pencils, which is a rate of ___ grams per pencil.

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

Name:

Solve each problem.

Answers

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

   1.   **10**

2) Rachel earned 2 points for every 6 books she read. So if she read only 1 book she would have earned _____ of a point.

   2.   **$\frac{2}{6}$**

3) An ice machine used 2 gallons of water after running non-stop for 4 hours. How many gallons of water did it use each hour?

   3.   **$\frac{2}{4}$**

4) A gardener used 2 kilograms of fertilizer over the course of 8 weeks. How much fertilizer did they use each week?

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

5) We paid $16 for 4 hamburgers, which is a rate of $___ per hamburger.

   5.   **4**

6) A forklift operator moved 81 pallets in 9 hours. What is the rate moved per hour?

   6.   **9**

7) A warehouse placed 4 equal weight boxes on a scale. Total they weighed 2 pounds. Each box weighed _____ of a pound.

   7.   **$\frac{2}{4}$**

8) A baker used 3 bags of flour every 6 days. He used _____ of a bag each day.

   8.   **$\frac{3}{6}$**

9) An industrial machine is able to make 27 pens in 3 seconds. What is the rate made per second?

   9.   **9**

10) It took a pet store 8 weeks to sell 32 cats. What is the rate sold per week?

   10.   **4**

11) For every 7 miles Nancy jogged, Frank jogged 2 miles. If Nancy jogged 1 mile, how far would Frank have jogged?

   11.   **$\frac{2}{7}$**

12) A machine worked for 7 hours and used 2 kilowatts of electricity. The machine used _____ of a kilowatt each hour it worked.

   12.   **$\frac{2}{7}$**

13) A recipe had 3 tablespoons of seasoning to 9 cups of flour. So there is _____ of a tablespoon of seasoning for each cup of flour.

   13.   **$\frac{3}{9}$**

14) A baker used 2 cups of flour to make 3 batches of brownies. He used _____ of a cup of flour to make 1 batch of brownies.

   14.   **$\frac{2}{3}$**

15) A pencil company used 18 grams of rubber to make 6 pencils, which is a rate of ___ grams per pencil.

   15.   **3**

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