Solve each problem.

1) For every 6 miles Faye jogged, Tom jogged 2 miles. If Faye jogged 1 mile, how far would Tom have jogged?

1. _____

2) We paid $10 for 2 hamburgers, which is a rate of $___ per hamburger.

2. _____

3. _____

3) A gardener used 3 kilograms of fertilizer over the course of 10 weeks. How much fertilizer did they use each week?

4. _____

4) An experienced carpenter could build a house in 8 days. How much would he have finished if he worked for 6 days?

5. _____

5) A machine worked for 8 hours and used 5 kilowatts of electricity. The machine used ____ of a kilowatt each hour it worked.

6. _____

7. _____

6) Nancy earned 6 points for every 8 books she read. So if she read only 1 book she would have earned ____ of a point.

8. _____

7) A candy company used 72 gallons of syrup to make 8 batches of candy. What is the rate of syrup per batch?

9. _____

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

10. _____

11. _____

9) A tailor used 4 meters of string to make 5 Halloween masks. He used ____ of a meter for each mask.

12. _____

10) A baker used 4 bags of flour every 7 days. He used ____ of a bag each day.

13. _____

11) A recipe had 2 tablespoons of seasoning to 4 cups of flour. So there is ____ of a tablespoon of seasoning for each cup of flour.

14. _____

15. _____

12) A computer programmer worked for 3 hours and earned $24, which is a rate of $___ per hour.

13) A restaurant went through 2 boxes of plastic forks over 3 months. They used ____ of a box every month.

14) A movie theater went through 2 pounds of popcorn every 10 hours. They went through ____ of a pound every hour.

15) An ice machine used 3 gallons of water after running non-stop for 6 hours. How many gallons of water did it use each hour?

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

Solve each problem.

Answers

1) For every 6 miles Faye jogged, Tom jogged 2 miles. If Faye jogged 1 mile, how far would Tom have jogged?

1. $^2/_6$

2) We paid $10 for 2 hamburgers, which is a rate of $___ per hamburger.

2. **5**

3. $^3/_{10}$

3) A gardener used 3 kilograms of fertilizer over the course of 10 weeks. How much fertilizer did they use each week?

4. $^6/_8$

4) An experienced carpenter could build a house in 8 days. How much would he have finished if he worked for 6 days?

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5) A machine worked for 8 hours and used 5 kilowatts of electricity. The machine used ____ of a kilowatt each hour it worked.

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7. **9**

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8. **3**

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11. $^2/_4$

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