Solve each problem.

1) A machine worked for 3 hours and used 2 kilowatts of electricity. The machine used _____ of a kilowatt each hour it worked.

1. _____

2) We paid $48 for 8 hamburgers, which is a rate of $___ per hamburger.

2. _____

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

3. _____

4. _____

4) A carpenter installed 42 sheets of drywall in 7 minutes. What is the rate per minute?

5. _____

5) A candy company used 18 pints of chocolate to make 3 boxes of candy. What is the rate of pints of chocolate per box?

6. _____

6) A lumber company had 10 bundles of wood (20 pieces total). What is the rate of pieces per bundle?

7. _____

8. _____

7) Debby earned 2 points for every 4 books she read. So if she read only 1 book she would have earned _____ of a point.

9. _____

8) A scientist used 3 gallons of liquid for every 4 hours he works. He uses _____ of a gallon each hour he works.

10. _____

9) A forklift operator moved 40 pallets in 10 hours. What is the rate moved per hour?

11. _____

12. _____

10) A computer programmer worked for 7 hours and earned $56, which is a rate of $___ per hour.

13. _____

11) A candy company used 30 gallons of syrup to make 3 batches of candy. What is the rate of syrup per batch?

14. _____

12) For every 5 miles Olivia jogged, Kaleb jogged 2 miles. If Olivia jogged 1 mile, how far would Kaleb have jogged?

15. _____

13) An industrial machine is able to make 35 pens in 5 seconds. What is the rate made per second?

14) A jogger travelled 56 kilometers in 8 days. What is the rate he travelled per day?

15) A baker used 3 bags of flour every 4 days. He used _____ of a bag each day.

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

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#	Answer
1.	$\frac{2}{3}$
2.	**6**
3.	$\frac{3}{4}$
4.	**6**
5.	**6**
6.	**2**
7.	$\frac{2}{4}$
8.	$\frac{3}{4}$
9.	**4**
10.	**8**
11.	**10**
12.	$\frac{2}{5}$
13.	**7**
14.	**7**
15.	$\frac{3}{4}$

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