Solve each problem.

1) An experienced carpenter could build a house in 8 days. How much would he have finished if he worked for 5 days?

2) A forklift operator moved 32 pallets in 4 hours. What is the rate moved per hour?

3) A carpenter installed 8 sheets of drywall in 4 minutes. What is the rate per minute?

4) During the lunch rush a fast food joint sold 10 sodas and earned $50, which is a rate of ____ dollars per soda.

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

6) A warehouse placed 8 equal weight boxes on a scale. Total they weighed 3 pounds. Each box weighed ____ of a pound.

7) An industrial machine is able to make 56 pens in 7 seconds. What is the rate made per second?

8) George earned $12 for mowing 6 lawns. What is the rate earned per lawn mowed?

9) 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?

10) It took a pet store 8 weeks to sell 16 cats. What is the rate sold per week?

11) A bouquet had 8 flowers and sold for $72, which is a rate of $___ per flower.

12) A candy company used 36 gallons of syrup to make 6 batches of candy. What is the rate of syrup per batch?

13) A computer programmer worked for 5 hours and earned $25, which is a rate of $___ per hour.

14) A recipe had 6 tablespoons of seasoning to 10 cups of flour. So there is ____ of a tablespoon of seasoning for each cup of flour.

15) A scientist used 8 gallons of liquid for every 10 hours he works. He uses ____ of a gallon each hour he works.
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Answers

1. \(\frac{5}{8}\)

2. 8

3. 2

4. 5

5. 5

6. \(\frac{3}{8}\)

7. 8

8. 2

9. \(\frac{2}{9}\)

10. 2

11. 9

12. 6

13. 5

14. \(\frac{6}{10}\)

15. \(\frac{8}{10}\)