

**Solve each problem.****Answers**

- 1) A candy company used 16 gallons of syrup to make 4 batches of candy. What is the rate of syrup per batch?
- 2) A pencil company used 18 grams of rubber to make 3 pencils, which is a rate of ____ grams per pencil.
- 3) A warehouse placed 10 equal weight boxes on a scale. Total they weighed 8 pounds. Each box weighed ____ of a pound.
- 4) An industrial machine is able to make 8 pens in 4 seconds. What is the rate made per second?
- 5) For every 8 miles Bianca jogged, Edward jogged 2 miles. If Bianca jogged 1 mile, how far would Edward have jogged?
- 6) We paid \$28 for 7 hamburgers, which is a rate of \$____ per hamburger.
- 7) A fair owner made 14 dollars when a group of 7 people entered, which is a rate of ____ dollar per person.
- 8) A toy company used 20 pints of plastic to make 4 action figures, which is a rate of ____ pints per figure.
- 9) A forklift operator moved 40 pallets in 5 hours. What is the rate moved per hour?
- 10) Luke spent 7 days collecting cans and he managed to collect 6 pounds. He collected ____ of a pound each day.
- 11) A candy company used 20 pints of chocolate to make 2 boxes of candy. What is the rate of pints of chocolate per box?
- 12) A lumber company had 4 bundles of wood (28 pieces total). What is the rate of pieces per bundle?
- 13) 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?
- 14) A tailor used 4 meters of string to make 6 Halloween masks. He used ____ of a meter for each mask.
- 15) During the lunch rush a fast food joint sold 9 sodas and earned \$81, which is a rate of ____ dollars per soda.

1. _____
2. _____
3. _____
4. _____
5. _____
6. _____
7. _____
8. _____
9. _____
10. _____
11. _____
12. _____
13. _____
14. _____
15. _____

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Answers

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