

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

- 1) A carpenter used 2 boxes of nails to build 8 bird houses. He used ____ of a box on each bird house.
- 2) A candy company used 72 pints of chocolate to make 8 boxes of candy. What is the rate of pints of chocolate per box?
- 3) A fair owner made 10 dollars when a group of 2 people entered, which is a rate of ____ dollar per person.
- 4) A warehouse placed 8 equal weight boxes on a scale. Total they weighed 7 pounds. Each box weighed ____ of a pound.
- 5) A forklift operator moved 30 pallets in 5 hours. What is the rate moved per hour?
- 6) An industrial machine is able to make 45 pens in 5 seconds. What is the rate made per second?
- 7) A tailor used 6 meters of string to make 9 Halloween masks. He used ____ of a meter for each mask.
- 8) A pencil company used 36 grams of rubber to make 4 pencils, which is a rate of ____ grams per pencil.
- 9) A movie theater went through 9 pounds of popcorn every 10 hours. They went through ____ of a pound every hour.
- 10) Nancy earned 2 points for every 10 books she read. So if she read only 1 book she would have earned ____ of a point.
- 11) A bouquet had 2 flowers and sold for \$8, which is a rate of \$____ per flower.
- 12) 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.
- 13) A lumber company had 6 bundles of wood (42 pieces total). What is the rate of pieces per bundle?
- 14) It took a pet store 3 weeks to sell 27 cats. What is the rate sold per week?
- 15) For every 7 miles Carol jogged, Paul jogged 2 miles. If Carol jogged 1 mile, how far would Paul have jogged?

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

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