Using Rate Language

Name:

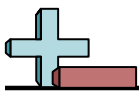**Solve each problem.**

1) A tailor used 5 meters of string to make 8 Halloween masks. He used _____ of a meter for each mask.

2) A warehouse placed 9 equal weight boxes on a scale. Total they weighed 6 pounds. Each box weighed _____ of a pound.

3) A toy company used 16 pints of plastic to make 8 action figures, which is a rate of ___ pints per figure.

4) A pencil company used 12 grams of rubber to make 4 pencils, which is a rate of ___ grams per pencil.

5) A candy company used 10 gallons of syrup to make 5 batches of candy. What is the rate of syrup per batch?

6) A gardener used 5 kilograms of fertilizer over the course of 10 weeks. How much fertilizer did they use each week?

7) A candy company used 24 pints of chocolate to make 6 boxes of candy. What is the rate of pints of chocolate per box?

8) A computer programmer worked for 3 hours and earned $15, which is a rate of $___ per hour.

9) A baker used 5 bags of flour every 6 days. He used _____ of a bag each day.

10) A fair owner made 72 dollars when a group of 8 people entered, which is a rate of ___ dollar per person.

11) We paid $12 for 4 hamburgers, which is a rate of $___ per hamburger.

12) Amy earned 3 points for every 8 books she read. So if she read only 1 book she would have earned _____ of a point.

13) Ned spent 4 days collecting cans and he managed to collect 2 pounds. He collected _____ of a pound each day.

14) During the lunch rush a fast food joint sold 4 sodas and earned $8, which is a rate of ___ dollars per soda.

15) For every 9 miles Emily jogged, George jogged 7 miles. If Emily jogged 1 mile, how far would George have jogged?

Answers

1. _____

2. _____

3. _____

4. _____

5. _____

6. _____

7. _____

8. _____

9. _____

10. _____

11. _____

12. _____

13. _____

14. _____

15. _____

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

Solve each problem.

1) A tailor used 5 meters of string to make 8 Halloween masks. He used _____ of a meter for each mask.

1. $\frac{5}{8}$

2) A warehouse placed 9 equal weight boxes on a scale. Total they weighed 6 pounds. Each box weighed _____ of a pound.

2. $\frac{6}{9}$

3) A toy company used 16 pints of plastic to make 8 action figures, which is a rate of ___ pints per figure.

3. **2**

4) A pencil company used 12 grams of rubber to make 4 pencils, which is a rate of ___ grams per pencil.

4. **3**

5) A candy company used 10 gallons of syrup to make 5 batches of candy. What is the rate of syrup per batch?

5. **2**

6. $\frac{5}{10}$

6) A gardener used 5 kilograms of fertilizer over the course of 10 weeks. How much fertilizer did they use each week?

7. **4**

7) A candy company used 24 pints of chocolate to make 6 boxes of candy. What is the rate of pints of chocolate per box?

8. **5**

9. $\frac{5}{6}$

8) A computer programmer worked for 3 hours and earned $15, which is a rate of $___ per hour.

10. **9**

9) A baker used 5 bags of flour every 6 days. He used _____ of a bag each day.

11. **3**

12. $\frac{3}{8}$

10) A fair owner made 72 dollars when a group of 8 people entered, which is a rate of ___ dollar per person.

13. $\frac{2}{4}$

11) We paid $12 for 4 hamburgers, which is a rate of $___ per hamburger.

14. **2**

15. $\frac{7}{9}$

12) Amy earned 3 points for every 8 books she read. So if she read only 1 book she would have earned _____ of a point.

13) Ned spent 4 days collecting cans and he managed to collect 2 pounds. He collected _____ of a pound each day.

14) During the lunch rush a fast food joint sold 4 sodas and earned $8, which is a rate of ___ dollars per soda.

15) For every 9 miles Emily jogged, George jogged 7 miles. If Emily jogged 1 mile, how far would George have jogged?

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