

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

- 1) During the lunch rush a fast food joint sold 10 sodas and earned \$30, which is a rate of _____ dollars per soda.
- 2) A fair owner made 18 dollars when a group of 9 people entered, which is a rate of _____ dollar per person.
- 3) A carpenter installed 8 sheets of drywall in 2 minutes. What is the rate per minute?
- 4) An industrial machine is able to make 40 pens in 8 seconds. What is the rate made per second?
- 5) 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?
- 6) An experienced carpenter could build a house in 5 days. How much would he have finished if he worked for 3 days?
- 7) A warehouse placed 5 equal weight boxes on a scale. Total they weighed 3 pounds. Each box weighed _____ of a pound.
- 8) A printer took 2 minutes to print 20 pages. What is the rate of pages per minute?
- 9) A computer programmer worked for 8 hours and earned \$48, which is a rate of \$_____ per hour.
- 10) A recipe had 4 tablespoons of seasoning to 6 cups of flour. So there is _____ of a tablespoon of seasoning for each cup of flour.
- 11) A pencil company used 42 grams of rubber to make 7 pencils, which is a rate of _____ grams per pencil.
- 12) A tailor used 5 meters of string to make 7 Halloween masks. He used _____ of a meter for each mask.
- 13) A carpenter used 2 boxes of nails to build 3 bird houses. He used _____ of a box on each bird house.
- 14) A machine worked for 5 hours and used 4 kilowatts of electricity. The machine used _____ of a kilowatt each hour it worked.
- 15) A gardener used 6 kilograms of fertilizer over the course of 8 weeks. How much fertilizer did they use each week?

1. _____
2. _____
3. _____
4. _____
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7. _____
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11. _____
12. _____
13. _____
14. _____
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- 15) A gardener used 6 kilograms of fertilizer over the course of 8 weeks. How much fertilizer did they use each week?

Answers

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



Solve each problem.

Answers

- 1) Paul earned \$10 for mowing 2 lawns. What is the rate earned per lawn mowed?
- 2) A printer took 8 minutes to print 40 pages. What is the rate of pages per minute?
- 3) 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.
- 4) A baker used 2 bags of flour every 4 days. He used ____ of a bag each day.
- 5) A tailor used 2 meters of string to make 3 Halloween masks. He used ____ of a meter for each mask.
- 6) A scientist used 3 gallons of liquid for every 5 hours he works. He uses ____ of a gallon each hour he works.
- 7) A computer programmer worked for 6 hours and earned \$12, which is a rate of \$____ per hour.
- 8) A candy company used 20 pints of chocolate to make 10 boxes of candy. What is the rate of pints of chocolate per box?
- 9) A movie theater went through 2 pounds of popcorn every 9 hours. They went through ____ of a pound every hour.
- 10) A gardener used 6 kilograms of fertilizer over the course of 9 weeks. How much fertilizer did they use each week?
- 11) We paid \$10 for 5 hamburgers, which is a rate of \$____ per hamburger.
- 12) An industrial machine is able to make 63 pens in 9 seconds. What is the rate made per second?
- 13) A machine worked for 3 hours and used 2 kilowatts of electricity. The machine used ____ of a kilowatt each hour it worked.
- 14) A bouquet had 6 flowers and sold for \$12, which is a rate of \$____ per flower.
- 15) During the lunch rush a fast food joint sold 4 sodas and earned \$8, 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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- 14) A bouquet had 6 flowers and sold for \$12, which is a rate of \$____ per flower.
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Answers

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



Solve each problem.

Answers

- 1) A computer programmer worked for 7 hours and earned \$70, which is a rate of \$___ per hour.
- 2) A recipe had 2 tablespoons of seasoning to 7 cups of flour. So there is ___ of a tablespoon of seasoning for each cup of flour.
- 3) A carpenter used 2 boxes of nails to build 4 bird houses. He used ___ of a box on each bird house.
- 4) A movie theater went through 2 pounds of popcorn every 6 hours. They went through ___ of a pound every hour.
- 5) A pencil company used 18 grams of rubber to make 6 pencils, which is a rate of ___ grams per pencil.
- 6) A baker used 2 bags of flour every 3 days. He used ___ of a bag each day.
- 7) A candy company used 24 gallons of syrup to make 4 batches of candy. What is the rate of syrup per batch?
- 8) A machine worked for 7 hours and used 2 kilowatts of electricity. The machine used ___ of a kilowatt each hour it worked.
- 9) An experienced carpenter could build a house in 8 days. How much would he have finished if he worked for 6 days?
- 10) A restaurant went through 2 boxes of plastic forks over 6 months. They used ___ of a box every month.
- 11) It took a pet store 3 weeks to sell 9 cats. What is the rate sold per week?
- 12) A warehouse placed 3 equal weight boxes on a scale. Total they weighed 2 pounds. Each box weighed ___ of a pound.
- 13) A bouquet had 5 flowers and sold for \$45, which is a rate of \$___ per flower.
- 14) A fair owner made 32 dollars when a group of 4 people entered, which is a rate of ___ dollar per person.
- 15) A printer took 7 minutes to print 56 pages. What is the rate of pages per minute?

1. _____
2. _____
3. _____
4. _____
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6. _____
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Answers

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



Solve each problem.

Answers

- 1) A jogger travelled 12 kilometers in 4 days. What is the rate he travelled per day?
- 2) A gardener used 6 kilograms of fertilizer over the course of 8 weeks. How much fertilizer did they use each week?
- 3) A baker used 3 cups of flour to make 7 batches of brownies. He used ____ of a cup of flour to make 1 batch of brownies.
- 4) A carpenter used 4 boxes of nails to build 5 bird houses. He used ____ of a box on each bird house.
- 5) A warehouse placed 7 equal weight boxes on a scale. Total they weighed 3 pounds. Each box weighed ____ of a pound.
- 6) An experienced carpenter could build a house in 5 days. How much would he have finished if he worked for 3 days?
- 7) Katie earned 3 points for every 4 books she read. So if she read only 1 book she would have earned ____ of a point.
- 8) A candy company used 60 gallons of syrup to make 10 batches of candy. What is the rate of syrup per batch?
- 9) A carpenter installed 36 sheets of drywall in 9 minutes. What is the rate per minute?
- 10) An ice machine used 4 gallons of water after running non-stop for 8 hours. How many gallons of water did it use each hour?
- 11) An industrial machine is able to make 12 pens in 3 seconds. What is the rate made per second?
- 12) A movie theater went through 6 pounds of popcorn every 10 hours. They went through ____ of a pound every hour.
- 13) We paid \$16 for 2 hamburgers, which is a rate of \$____ per hamburger.
- 14) A baker used 3 bags of flour every 7 days. He used ____ of a bag each day.
- 15) Tom spent 8 days collecting cans and he managed to collect 3 pounds. He collected ____ of a pound each day.

1. _____
2. _____
3. _____
4. _____
5. _____
6. _____
7. _____
8. _____
9. _____
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13. _____
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Answers

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



Solve each problem.

Answers

- 1) A candy company used 28 pints of chocolate to make 4 boxes of candy. What is the rate of pints of chocolate per box?
- 2) We paid \$21 for 3 hamburgers, which is a rate of \$___ per hamburger.
- 3) A restaurant went through 5 boxes of plastic forks over 8 months. They used ___ of a box every month.
- 4) A computer programmer worked for 6 hours and earned \$12, which is a rate of \$___ per hour.
- 5) A baker used 4 cups of flour to make 7 batches of brownies. He used ___ of a cup of flour to make 1 batch of brownies.
- 6) A toy company used 6 pints of plastic to make 3 action figures, which is a rate of ___ pints per figure.
- 7) A jogger travelled 18 kilometers in 9 days. What is the rate he travelled per day?
- 8) A printer took 4 minutes to print 28 pages. What is the rate of pages per minute?
- 9) A baker used 2 bags of flour every 10 days. He used ___ of a bag each day.
- 10) For every 4 miles Carol jogged, Luke jogged 3 miles. If Carol jogged 1 mile, how far would Luke have jogged?
- 11) A carpenter used 2 boxes of nails to build 4 bird houses. He used ___ of a box on each bird house.
- 12) A candy company used 90 gallons of syrup to make 9 batches of candy. What is the rate of syrup per batch?
- 13) A scientist used 2 gallons of liquid for every 3 hours he works. He uses ___ of a gallon each hour he works.
- 14) An industrial machine is able to make 56 pens in 8 seconds. What is the rate made per second?
- 15) A fair owner made 54 dollars when a group of 9 people entered, which is a rate of ___ dollar per person.

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



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Answers

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



Solve each problem.

Answers

- 1) A movie theater went through 2 pounds of popcorn every 9 hours. They went through _____ of a pound every hour.
- 2) A bouquet had 9 flowers and sold for \$90, which is a rate of \$_____ per flower.
- 3) A carpenter installed 10 sheets of drywall in 5 minutes. What is the rate per minute?
- 4) During the lunch rush a fast food joint sold 7 sodas and earned \$14, which is a rate of _____ dollars per soda.
- 5) A carpenter used 2 boxes of nails to build 4 bird houses. He used _____ of a box on each bird house.
- 6) A machine worked for 10 hours and used 7 kilowatts of electricity. The machine used _____ of a kilowatt each hour it worked.
- 7) It took a pet store 7 weeks to sell 49 cats. What is the rate sold per week?
- 8) A scientist used 4 gallons of liquid for every 6 hours he works. He uses _____ of a gallon each hour he works.
- 9) A fair owner made 48 dollars when a group of 8 people entered, which is a rate of _____ dollar per person.
- 10) A toy company used 63 pints of plastic to make 9 action figures, which is a rate of _____ pints per figure.
- 11) A printer took 8 minutes to print 48 pages. What is the rate of pages per minute?
- 12) A pencil company used 20 grams of rubber to make 5 pencils, which is a rate of _____ grams per pencil.
- 13) An experienced carpenter could build a house in 6 days. How much would he have finished if he worked for 5 days?
- 14) Rachel earned 2 points for every 9 books she read. So if she read only 1 book she would have earned _____ of a point.
- 15) A tailor used 3 meters of string to make 5 Halloween masks. He used _____ of a meter for each mask.

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



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- 15) A tailor used 3 meters of string to make 5 Halloween masks. He used ____ of a meter for each mask.

Answers

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



Solve each problem.

Answers

1) A tailor used 3 meters of string to make 7 Halloween masks. He used ____ of a meter for each mask.

1. _____

2) A scientist used 2 gallons of liquid for every 3 hours he works. He uses ____ of a gallon each hour he works.

2. _____

3) A carpenter installed 12 sheets of drywall in 6 minutes. What is the rate per minute?

3. _____

4) During the lunch rush a fast food joint sold 7 sodas and earned \$56, which is a rate of ____ dollars per soda.

4. _____

5) A pencil company used 6 grams of rubber to make 3 pencils, which is a rate of ____ grams per pencil.

5. _____

6) A baker used 5 bags of flour every 8 days. He used ____ of a bag each day.

6. _____

7) A warehouse placed 7 equal weight boxes on a scale. Total they weighed 3 pounds. Each box weighed ____ of a pound.

7. _____

8) A restaurant went through 2 boxes of plastic forks over 3 months. They used ____ of a box every month.

8. _____

9) A forklift operator moved 54 pallets in 6 hours. What is the rate moved per hour?

9. _____

10) A machine worked for 4 hours and used 2 kilowatts of electricity. The machine used ____ of a kilowatt each hour it worked.

10. _____

11) A movie theater went through 3 pounds of popcorn every 10 hours. They went through ____ of a pound every hour.

11. _____

12) A bouquet had 4 flowers and sold for \$28, which is a rate of \$____ per flower.

12. _____

13) A printer took 5 minutes to print 15 pages. What is the rate of pages per minute?

13. _____

14) An industrial machine is able to make 20 pens in 10 seconds. What is the rate made per second?

14. _____

15) An experienced carpenter could build a house in 7 days. How much would he have finished if he worked for 5 days?

15. _____



Solve each problem.

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- 6) A baker used 5 bags of flour every 8 days. He used ____ of a bag each day.
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- 9) A forklift operator moved 54 pallets in 6 hours. What is the rate moved per hour?
- 10) A machine worked for 4 hours and used 2 kilowatts of electricity. The machine used ____ of a kilowatt each hour it worked.
- 11) A movie theater went through 3 pounds of popcorn every 10 hours. They went through ____ of a pound every hour.
- 12) A bouquet had 4 flowers and sold for \$28, which is a rate of \$____ per flower.
- 13) A printer took 5 minutes to print 15 pages. What is the rate of pages per minute?
- 14) An industrial machine is able to make 20 pens in 10 seconds. What is the rate made per second?
- 15) An experienced carpenter could build a house in 7 days. How much would he have finished if he worked for 5 days?

Answers

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



Solve each problem.

Answers

- 1) A printer took 3 minutes to print 30 pages. What is the rate of pages per minute?
- 2) Rachel earned 2 points for every 6 books she read. So if she read only 1 book she would have earned ____ of a point.
- 3) 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?
- 4) A gardener used 2 kilograms of fertilizer over the course of 8 weeks. How much fertilizer did they use each week?
- 5) We paid \$16 for 4 hamburgers, which is a rate of \$____ per hamburger.
- 6) A forklift operator moved 81 pallets in 9 hours. What is the rate moved per hour?
- 7) A warehouse placed 4 equal weight boxes on a scale. Total they weighed 2 pounds. Each box weighed ____ of a pound.
- 8) A baker used 3 bags of flour every 6 days. He used ____ of a bag each day.
- 9) An industrial machine is able to make 27 pens in 3 seconds. What is the rate made per second?
- 10) It took a pet store 8 weeks to sell 32 cats. What is the rate sold per week?
- 11) For every 7 miles Nancy jogged, Frank jogged 2 miles. If Nancy jogged 1 mile, how far would Frank have jogged?
- 12) A machine worked for 7 hours and used 2 kilowatts of electricity. The machine used ____ of a kilowatt each hour it worked.
- 13) A recipe had 3 tablespoons of seasoning to 9 cups of flour. So there is ____ of a tablespoon of seasoning for each cup of flour.
- 14) 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.
- 15) A pencil company used 18 grams of rubber to make 6 pencils, which is a rate of ____ grams per pencil.

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



Solve each problem.

- 1) A printer took 3 minutes to print 30 pages. What is the rate of pages per minute?
- 2) Rachel earned 2 points for every 6 books she read. So if she read only 1 book she would have earned ____ of a point.
- 3) 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?
- 4) A gardener used 2 kilograms of fertilizer over the course of 8 weeks. How much fertilizer did they use each week?
- 5) We paid \$16 for 4 hamburgers, which is a rate of \$____ per hamburger.
- 6) A forklift operator moved 81 pallets in 9 hours. What is the rate moved per hour?
- 7) A warehouse placed 4 equal weight boxes on a scale. Total they weighed 2 pounds. Each box weighed ____ of a pound.
- 8) A baker used 3 bags of flour every 6 days. He used ____ of a bag each day.
- 9) An industrial machine is able to make 27 pens in 3 seconds. What is the rate made per second?
- 10) It took a pet store 8 weeks to sell 32 cats. What is the rate sold per week?
- 11) For every 7 miles Nancy jogged, Frank jogged 2 miles. If Nancy jogged 1 mile, how far would Frank have jogged?
- 12) A machine worked for 7 hours and used 2 kilowatts of electricity. The machine used ____ of a kilowatt each hour it worked.
- 13) A recipe had 3 tablespoons of seasoning to 9 cups of flour. So there is ____ of a tablespoon of seasoning for each cup of flour.
- 14) 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.
- 15) A pencil company used 18 grams of rubber to make 6 pencils, which is a rate of ____ grams per pencil.

Answers

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



Solve each problem.

Answers

1) A lumber company had 4 bundles of wood (8 pieces total). What is the rate of pieces per bundle?

1. _____

2) A warehouse placed 8 equal weight boxes on a scale. Total they weighed 4 pounds. Each box weighed _____ of a pound.

2. _____

3) A carpenter used 2 boxes of nails to build 4 bird houses. He used _____ of a box on each bird house.

3. _____

4) A pencil company used 63 grams of rubber to make 7 pencils, which is a rate of _____ grams per pencil.

4. _____

5) An experienced carpenter could build a house in 10 days. How much would he have finished if he worked for 7 days?

5. _____

6) We paid \$60 for 6 hamburgers, which is a rate of \$_____ per hamburger.

6. _____

7) A fair owner made 45 dollars when a group of 5 people entered, which is a rate of _____ dollar per person.

7. _____

8) A printer took 2 minutes to print 20 pages. What is the rate of pages per minute?

8. _____

9) During the lunch rush a fast food joint sold 4 sodas and earned \$36, which is a rate of _____ dollars per soda.

9. _____

10) A gardener used 2 kilograms of fertilizer over the course of 4 weeks. How much fertilizer did they use each week?

10. _____

11) A jogger travelled 15 kilometers in 3 days. What is the rate he travelled per day?

11. _____

12) A baker used 2 cups of flour to make 10 batches of brownies. He used _____ of a cup of flour to make 1 batch of brownies.

12. _____

13) A recipe had 3 tablespoons of seasoning to 4 cups of flour. So there is _____ of a tablespoon of seasoning for each cup of flour.

13. _____

14) A machine worked for 5 hours and used 2 kilowatts of electricity. The machine used _____ of a kilowatt each hour it worked.

14. _____

15) For every 10 miles Tiffany jogged, Adam jogged 5 miles. If Tiffany jogged 1 mile, how far would Adam have jogged?

15. _____



Solve each problem.

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- 15) For every 10 miles Tiffany jogged, Adam jogged 5 miles. If Tiffany jogged 1 mile, how far would Adam have jogged?

Answers

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

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

- 1) For every 6 miles Faye jogged, Tom jogged 2 miles. If Faye jogged 1 mile, how far would Tom have jogged?
- 2) We paid \$10 for 2 hamburgers, which is a rate of \$___ per hamburger.
- 3) A gardener used 3 kilograms of fertilizer over the course of 10 weeks. How much fertilizer did they use each week?
- 4) An experienced carpenter could build a house in 8 days. How much would he have finished if he worked for 6 days?
- 5) A machine worked for 8 hours and used 5 kilowatts of electricity. The machine used ____ of a kilowatt each hour it worked.
- 6) Nancy earned 6 points for every 8 books she read. So if she read only 1 book she would have earned ____ of a point.
- 7) A candy company used 72 gallons of syrup to make 8 batches of candy. What is the rate of syrup per batch?
- 8) An industrial machine is able to make 27 pens in 9 seconds. What is the rate made per second?
- 9) A tailor used 4 meters of string to make 5 Halloween masks. He used ____ of a meter for each mask.
- 10) A baker used 4 bags of flour every 7 days. He used ____ of a bag each day.
- 11) A recipe had 2 tablespoons of seasoning to 4 cups of flour. So there is ____ of a tablespoon of seasoning for each cup of flour.
- 12) A computer programmer worked for 3 hours and earned \$24, which is a rate of \$___ per hour.
- 13) A restaurant went through 2 boxes of plastic forks over 3 months. They used ____ of a box every month.
- 14) A movie theater went through 2 pounds of popcorn every 10 hours. They went through ____ of a pound every hour.
- 15) An ice machine used 3 gallons of water after running non-stop for 6 hours. How many gallons of water did it use each hour?

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



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Answers

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