# Unit Fraction Word Problems

Name: _____

**Solve each problem.**

1)  A bakery used one-sixth of a bag of chocolate chips to make 7 batches of cookies. How much of the bag did they use for each batch?

1. _____

2)  A pet store had 3 cats to feed. If they only had one-third of a bag of cat food and each cat got the same amount, what fraction of the bag would each cat get?

2. _____

3. _____

3)  How many one-seventh cup servings are in 5 cups of pecans?

4. _____

4)  A container of 2 metal beams weighed one-seventh of a ton. If every beam weighed the same amount, how heavy was each?

5. _____

6. _____

5)  Gwen was trying to collect 3 pounds of cans to recycle. If she collects one-seventh of a pound each day, how many days will it take to collect 3 pounds?

7. _____

6)  A car wash had to make their soap last 2 days. If they only have one-eighth of a gallon of soap, how much should they use each day so it lasts 2 days?

8. _____

9. _____

7)  A chef had 5 potatoes. How many bowls of mashed potatoes could he make if each bowl used one-eighth of a potato?

10. _____

11. _____

8)  Luke used one-sixth of a cup of sugar to make a pitcher of lemonade. If he were to pour the lemonade into 8 smaller glasses how much sugar would be in each glass?

12. _____

9)  A malt shop used one-third of a box of waffle cones every day they were open. How many days would 7 whole boxes last them?

13. _____

10) A lawn mowing company had to mow one-half of a mile of grass. To make it quicker, they split the amount evenly between 2 workers. What fraction of the mile did each person mow?

11) A small book took one-third of a ream of paper to make. How many books could be made with 4 whole reams of paper?

12) George had to write 2 pages for a book report. How many hours would it take him to write it if he wrote one-third of a page each hour?

13) A glass of water was one-fifth of a liter. How many glasses would it take to fill up a 2 liter jug?

**Math**   www.CommonCoreSheets.com

| 1-10 | 92 | 85 | 77 | 69 | 62 | 54 | 46 | 38 | 31 | 23 |
|---|---|---|---|---|---|---|---|---|---|---|
| 11-13 | 15 | 8 | 0 | | | | | | | |

**Solve each problem.**

**Answers**

1) A bakery used one-sixth of a bag of chocolate chips to make 7 batches of cookies. How much of the bag did they use for each batch?

1. $\frac{1}{42}$

2) A pet store had 3 cats to feed. If they only had one-third of a bag of cat food and each cat got the same amount, what fraction of the bag would each cat get?

2. $\frac{1}{9}$

3) How many one-seventh cup servings are in 5 cups of pecans?

3. **35**

4) A container of 2 metal beams weighed one-seventh of a ton. If every beam weighed the same amount, how heavy was each?

4. $\frac{1}{14}$

5) Gwen was trying to collect 3 pounds of cans to recycle. If she collects one-seventh of a pound each day, how many days will it take to collect 3 pounds?

5. **21**

6. $\frac{1}{16}$

6) A car wash had to make their soap last 2 days. If they only have one-eighth of a gallon of soap, how much should they use each day so it lasts 2 days?

7. **40**

8. $\frac{1}{48}$

7) A chef had 5 potatoes. How many bowls of mashed potatoes could he make if each bowl used one-eighth of a potato?

9. **21**

10. $\frac{1}{4}$

8) Luke used one-sixth of a cup of sugar to make a pitcher of lemonade. If he were to pour the lemonade into 8 smaller glasses how much sugar would be in each glass?

11. **12**

12. **6**

9) A malt shop used one-third of a box of waffle cones every day they were open. How many days would 7 whole boxes last them?

13. **10**

10) A lawn mowing company had to mow one-half of a mile of grass. To make it quicker, they split the amount evenly between 2 workers. What fraction of the mile did each person mow?

11) A small book took one-third of a ream of paper to make. How many books could be made with 4 whole reams of paper?

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# Unit Fraction Word Problems

Name:

**Solve each problem.**

**1)** A bakery used $\frac{1}{6}$ of a bag of chocolate chips to make 7 batches of cookies. How much of the bag did they use for each batch?

**2)** A pet store had 3 cats to feed. If they only had $\frac{1}{3}$ of a bag of cat food and each cat got the same amount, what fraction of the bag would each cat get?

**3)** How many $\frac{1}{7}$ cup servings are in 5 cups of pecans?

**4)** A container of 2 metal beams weighed $\frac{1}{7}$ of a ton. If every beam weighed the same amount, how heavy was each?

**5)** Gwen was trying to collect 3 pounds of cans to recycle. If she collects $\frac{1}{7}$ of a pound each day, how many days will it take to collect 3 pounds?

**6)** A car wash had to make their soap last 2 days. If they only have $\frac{1}{8}$ of a gallon of soap, how much should they use each day so it lasts 2 days?

**7)** A chef had 5 potatoes. How many bowls of mashed potatoes could he make if each bowl used $\frac{1}{8}$ of a potato?

**8)** Luke used $\frac{1}{6}$ of a cup of sugar to make a pitcher of lemonade. If he were to pour the lemonade into 8 smaller glasses how much sugar would be in each glass?

**9)** A malt shop used $\frac{1}{3}$ of a box of waffle cones every day they were open. How many days would 7 whole boxes last them?

**10)** A lawn mowing company had to mow $\frac{1}{2}$ of a mile of grass. To make it quicker, they split the amount evenly between 2 workers. What fraction of the mile did each person mow?

1. _____

2. _____

3. _____

4. _____

5. _____

6. _____

7. _____

8. _____

9. _____

10. _____