# Unit Fraction Word Problems

Name:

**Solve each problem.**

**1)** A bulldozer could carry one-fifth of a ton of sand. If a park needed 2 tons of sand, how many loads would the bulldozer need to carry?

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

**3)** A store had 3 boxes of video games. How many days would it take to sell the games if each day they sold one-quarter of a box?

**4)** At the end of the day a restaurant had one-eighth of a pound of leftover food. If 8 employees wanted to split it, how much would each employee get?

**5)** Tiffany wanted her box of candy to last 9 days. If the box weighs one-fifth of pound, how much should she eat each day?

**6)** A pet store had 8 cats to feed. If they only had one-eighth of a bag of cat food and each cat got the same amount, what fraction of the bag would each cat get?

**7)** Maria had picked 6 bags of oranges. How many glasses of orange juice could she make if each glass took one-half of a bag?

**8)** An aquarium had 7 tons of fish food. How many months would it take them to use it all if they used one-quarter of a ton each month?

**9)** A moving company had one-ninth of a ton of weight to move across town. If they wanted to split it equally amongst 6 trips, how much weight would they have on each trip?

**10)** A glass of water was one-quarter of a liter. How many glasses would it take to fill up a 7 liter jug?

**11)** A car wash had to make their soap last 4 days. If they only have one-quarter of a gallon of soap, how much should they use each day so it lasts 4 days?

**12)** A sub shop sold sandwiches that were one-ninth of a foot long. If you were to cut the sandwich into 8 equal pieces, what fraction of a foot would each piece be?

**13)** A group of 7 friends bought a one-ninth of a pound of bubblegum. If they split it equally, how much would each friend get?

**Answers**

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



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

# Unit Fraction Word Problems

Name: **Answer Key**

**Solve each problem.**

**1)** A bulldozer could carry one-fifth of a ton of sand. If a park needed 2 tons of sand, how many loads would the bulldozer need to carry?

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

**3)** A store had 3 boxes of video games. How many days would it take to sell the games if each day they sold one-quarter of a box?

**4)** At the end of the day a restaurant had one-eighth of a pound of leftover food. If 8 employees wanted to split it, how much would each employee get?

**5)** Tiffany wanted her box of candy to last 9 days. If the box weighs one-fifth of pound, how much should she eat each day?

**6)** A pet store had 8 cats to feed. If they only had one-eighth of a bag of cat food and each cat got the same amount, what fraction of the bag would each cat get?

**7)** Maria had picked 6 bags of oranges. How many glasses of orange juice could she make if each glass took one-half of a bag?

**8)** An aquarium had 7 tons of fish food. How many months would it take them to use it all if they used one-quarter of a ton each month?

**9)** A moving company had one-ninth of a ton of weight to move across town. If they wanted to split it equally amongst 6 trips, how much weight would they have on each trip?

**10)** A glass of water was one-quarter of a liter. How many glasses would it take to fill up a 7 liter jug?

**11)** A car wash had to make their soap last 4 days. If they only have one-quarter of a gallon of soap, how much should they use each day so it lasts 4 days?

**12)** A sub shop sold sandwiches that were one-ninth of a foot long. If you were to cut the sandwich into 8 equal pieces, what fraction of a foot would each piece be?

**13)** A group of 7 friends bought a one-ninth of a pound of bubblegum. If they split it equally, how much would each friend get?

**Answers**

1. 10
2. 35
3. 12
4. $\frac{1}{64}$
5. $\frac{1}{45}$
6. $\frac{1}{64}$
7. 12
8. 28
9. $\frac{1}{54}$
10. 28
11. $\frac{1}{16}$
12. $\frac{1}{72}$
13. $\frac{1}{63}$



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

# Unit Fraction Word Problems

Name:

**Solve each problem.**

| | | | | |
|---|---|---|---|---|
| 12 | 28 | 12 | 28 | $\frac{1}{54}$ |
| $\frac{1}{64}$ | $\frac{1}{64}$ | 35 | 10 | $\frac{1}{45}$ |

**1)** A bulldozer could carry $^1/_5$ of a ton of sand. If a park needed 2 tons of sand, how many loads would the bulldozer need to carry?

**2)** A malt shop used $^1/_5$ of a box of waffle cones every day they were open. How many days would 7 whole boxes last them?

**3)** A store had 3 boxes of video games. How many days would it take to sell the games if each day they sold $^1/_4$ of a box?

**4)** At the end of the day a restaurant had $^1/_8$ of a pound of leftover food. If 8 employees wanted to split it, how much would each employee get?

**5)** Tiffany wanted her box of candy to last 9 days. If the box weighs $^1/_5$ of pound, how much should she eat each day?

**6)** A pet store had 8 cats to feed. If they only had $^1/_8$ of a bag of cat food and each cat got the same amount, what fraction of the bag would each cat get?

**7)** Maria had picked 6 bags of oranges. How many glasses of orange juice could she make if each glass took $^1/_2$ of a bag?

**8)** An aquarium had 7 tons of fish food. How many months would it take them to use it all if they used $^1/_4$ of a ton each month?

**9)** A moving company had $^1/_9$ of a ton of weight to move across town. If they wanted to split it equally amongst 6 trips, how much weight would they have on each trip?

**10)** A glass of water was $^1/_4$ of a liter. How many glasses would it take to fill up a 7 liter jug?

**Answers**

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



| 1-10 | 90 | 80 | 70 | 60 | 50 | 40 | 30 | 20 | 10 | 0 |
|---|---|---|---|---|---|---|---|---|---|---|