# Fractions as Division - ANSWER KEY

Grade 5 | Interpreting a fraction as division and solving sharing problems | Version 1 of 10

*A fraction is a division: 3 ÷ 4 = 3/4. When the top number is bigger, also write a mixed number: 7 ÷ 2 = 7/2 = 3 1/2.*

**Part A: Write each quotient as a fraction. Write a mixed number too if it is greater than 1.**

1. 3 ÷ 5 = **3/5**
2. 7 ÷ 3 = **7/3 = 2 1/3**
3. 5 ÷ 6 = **5/6**
4. 13 ÷ 6 = **13/6 = 2 1/6**
5. 9 ÷ 7 = **9/7 = 1 2/7**
6. 19 ÷ 3 = **19/3 = 6 1/3**
7. 15 ÷ 8 = **15/8 = 1 7/8**
8. 7 ÷ 9 = **7/9**

**Part B: Solve. Write the answer as a fraction or mixed number.**

9. 4 friends share 1 pizza equally. How much does each get? **1/4 of a pizza**
10. 8 families share 9 pies equally. How much does each get? **1 1/8 pies**
11. 3 hikers share 11 sandwiches equally. How much does each get? **3 2/3 sandwichs**
12. 7 plants share 6 liters of water equally. How much does each get? **6/7 of a liter**

# Fractions as Division - ANSWER KEY

Grade 5 | Interpreting a fraction as division and solving sharing problems | Version 2 of 10

*A fraction is a division: 3 ÷ 4 = 3/4. When the top number is bigger, also write a mixed number: 7 ÷ 2 = 7/2 = 3 1/2.*

**Part A: Write each quotient as a fraction. Write a mixed number too if it is greater than 1.**

1. 1 ÷ 5 = **1/5**
2. 19 ÷ 4 = **19/4 = 4 3/4**
3. 1 ÷ 7 = **1/7**
4. 14 ÷ 9 = **14/9 = 1 5/9**
5. 8 ÷ 5 = **8/5 = 1 3/5**
6. 5 ÷ 4 = **5/4 = 1 1/4**
7. 6 ÷ 5 = **6/5 = 1 1/5**
8. 13 ÷ 7 = **13/7 = 1 6/7**

**Part B: Solve. Write the answer as a fraction or mixed number.**

9. 7 families share 4 pies equally. How much does each get? **4/7 of a pie**
10. 5 plants share 11 liters of water equally. How much does each get? **2 1/5 liters**
11. 2 hikers share 9 sandwiches equally. How much does each get? **4 1/2 sandwichs**
12. 3 plants share 7 liters of water equally. How much does each get? **2 1/3 liters**

# Fractions as Division - ANSWER KEY

Grade 5 | Interpreting a fraction as division and solving sharing problems | Version 3 of 10

*A fraction is a division: 3 ÷ 4 = 3/4. When the top number is bigger, also write a mixed number: 7 ÷ 2 = 7/2 = 3 1/2.*

**Part A: Write each quotient as a fraction. Write a mixed number too if it is greater than 1.**

1. 3 ÷ 8 = **3/8**
2. 4 ÷ 5 = **4/5**
3. 20 ÷ 9 = **20/9 = 2 2/9**
4. 16 ÷ 7 = **16/7 = 2 2/7**
5. 17 ÷ 2 = **17/2 = 8 1/2**
6. 13 ÷ 9 = **13/9 = 1 4/9**
7. 13 ÷ 5 = **13/5 = 2 3/5**
8. 7 ÷ 8 = **7/8**

**Part B: Solve. Write the answer as a fraction or mixed number.**

9. 3 friends share 1 pizza equally. How much does each get? **1/3 of a pizza**
10. 8 gift boxes share 5 yards of ribbon equally. How much does each get? **5/8 of a yard**
11. 7 plants share 4 liters of water equally. How much does each get? **4/7 of a liter**
12. 6 campers share 5 granola bars equally. How much does each get? **5/6 of a granola bar**

# Fractions as Division - ANSWER KEY

Grade 5 | Interpreting a fraction as division and solving sharing problems | Version 4 of 10

*A fraction is a division: 3 ÷ 4 = 3/4. When the top number is bigger, also write a mixed number: 7 ÷ 2 = 7/2 = 3 1/2.*

**Part A: Write each quotient as a fraction. Write a mixed number too if it is greater than 1.**

1. 4 ÷ 7 = **4/7**
2. 11 ÷ 9 = **11/9 = 1 2/9**
3. 16 ÷ 3 = **16/3 = 5 1/3**
4. 10 ÷ 9 = **10/9 = 1 1/9**
5. 1 ÷ 8 = **1/8**
6. 11 ÷ 2 = **11/2 = 5 1/2**
7. 11 ÷ 8 = **11/8 = 1 3/8**
8. 10 ÷ 3 = **10/3 = 3 1/3**

**Part B: Solve. Write the answer as a fraction or mixed number.**

9. 7 friends share 2 pizzas equally. How much does each get? **2/7 of a pizza**
10. 7 gift boxes share 12 yards of ribbon equally. How much does each get? **1 5/7 yards**
11. 8 gift boxes share 9 yards of ribbon equally. How much does each get? **1 1/8 yards**
12. 8 families share 11 pies equally. How much does each get? **1 3/8 pies**

# Fractions as Division - ANSWER KEY

Grade 5 | Interpreting a fraction as division and solving sharing problems | Version 5 of 10

*A fraction is a division: 3 ÷ 4 = 3/4. When the top number is bigger, also write a mixed number: 7 ÷ 2 = 7/2 = 3 1/2.*

**Part A: Write each quotient as a fraction. Write a mixed number too if it is greater than 1.**

1. 1 ÷ 2 = **1/2**
2. 19 ÷ 7 = **19/7 = 2 5/7**
3. 19 ÷ 2 = **19/2 = 9 1/2**
4. 1 ÷ 6 = **1/6**
5. 13 ÷ 8 = **13/8 = 1 5/8**
6. 9 ÷ 5 = **9/5 = 1 4/5**
7. 3 ÷ 2 = **3/2 = 1 1/2**
8. 5 ÷ 2 = **5/2 = 2 1/2**

**Part B: Solve. Write the answer as a fraction or mixed number.**

9. 4 gift boxes share 3 yards of ribbon equally. How much does each get? **3/4 of a yard**
10. 5 hikers share 9 sandwiches equally. How much does each get? **1 4/5 sandwichs**
11. 8 plants share 11 liters of water equally. How much does each get? **1 3/8 liters**
12. 4 friends share 9 pizzas equally. How much does each get? **2 1/4 pizzas**

# Fractions as Division - ANSWER KEY

Grade 5 | Interpreting a fraction as division and solving sharing problems | Version 6 of 10

*A fraction is a division: 3 ÷ 4 = 3/4. When the top number is bigger, also write a mixed number: 7 ÷ 2 = 7/2 = 3 1/2.*

**Part A: Write each quotient as a fraction. Write a mixed number too if it is greater than 1.**

1. 6 ÷ 7 = **6/7**
2. 13 ÷ 4 = **13/4 = 3 1/4**
3. 9 ÷ 8 = **9/8 = 1 1/8**
4. 3 ÷ 7 = **3/7**
5. 13 ÷ 3 = **13/3 = 4 1/3**
6. 10 ÷ 7 = **10/7 = 1 3/7**
7. 9 ÷ 2 = **9/2 = 4 1/2**
8. 13 ÷ 2 = **13/2 = 6 1/2**

**Part B: Solve. Write the answer as a fraction or mixed number.**

9. 3 hikers share 1 sandwich equally. How much does each get? **1/3 of a sandwich**
10. 5 campers share 6 granola bars equally. How much does each get? **1 1/5 granola bars**
11. 4 plants share 1 liter equally. How much does each get? **1/4 of a liter**
12. 7 gift boxes share 3 yards of ribbon equally. How much does each get? **3/7 of a yard**

# Fractions as Division - ANSWER KEY

Grade 5 | Interpreting a fraction as division and solving sharing problems | Version 7 of 10

*A fraction is a division: 3 ÷ 4 = 3/4. When the top number is bigger, also write a mixed number: 7 ÷ 2 = 7/2 = 3 1/2.*

**Part A: Write each quotient as a fraction. Write a mixed number too if it is greater than 1.**

1. 11 ÷ 4 = **11/4 = 2 3/4**
2. 14 ÷ 3 = **14/3 = 4 2/3**
3. 8 ÷ 7 = **8/7 = 1 1/7**
4. 8 ÷ 3 = **8/3 = 2 2/3**
5. 8 ÷ 9 = **8/9**
6. 7 ÷ 6 = **7/6 = 1 1/6**
7. 11 ÷ 7 = **11/7 = 1 4/7**
8. 5 ÷ 8 = **5/8**

**Part B: Solve. Write the answer as a fraction or mixed number.**

9. 4 plants share 3 liters of water equally. How much does each get? **3/4 of a liter**
10. 5 friends share 9 pizzas equally. How much does each get? **1 4/5 pizzas**
11. 4 plants share 5 liters of water equally. How much does each get? **1 1/4 liters**
12. 8 friends share 1 pizza equally. How much does each get? **1/8 of a pizza**

# Fractions as Division - ANSWER KEY

Grade 5 | Interpreting a fraction as division and solving sharing problems | Version 8 of 10

*A fraction is a division: 3 ÷ 4 = 3/4. When the top number is bigger, also write a mixed number: 7 ÷ 2 = 7/2 = 3 1/2.*

**Part A: Write each quotient as a fraction. Write a mixed number too if it is greater than 1.**

1. 19 ÷ 5 = **19/5 = 3 4/5**
2. 17 ÷ 4 = **17/4 = 4 1/4**
3. 11 ÷ 5 = **11/5 = 2 1/5**
4. 7 ÷ 5 = **7/5 = 1 2/5**
5. 12 ÷ 5 = **12/5 = 2 2/5**
6. 4 ÷ 3 = **4/3 = 1 1/3**
7. 3 ÷ 4 = **3/4**
8. 5 ÷ 3 = **5/3 = 1 2/3**

**Part B: Solve. Write the answer as a fraction or mixed number.**

9. 4 friends share 3 pizzas equally. How much does each get? **3/4 of a pizza**
10. 7 families share 5 pies equally. How much does each get? **5/7 of a pie**
11. 3 hikers share 4 sandwiches equally. How much does each get? **1 1/3 sandwichs**
12. 4 hikers share 5 sandwiches equally. How much does each get? **1 1/4 sandwichs**

# Fractions as Division - ANSWER KEY

Grade 5 | Interpreting a fraction as division and solving sharing problems | Version 9 of 10

*A fraction is a division: 3 ÷ 4 = 3/4. When the top number is bigger, also write a mixed number: 7 ÷ 2 = 7/2 = 3 1/2.*

**Part A: Write each quotient as a fraction. Write a mixed number too if it is greater than 1.**

1. 17 ÷ 7 = **17/7 = 2 3/7**
2. 1 ÷ 3 = **1/3**
3. 4 ÷ 9 = **4/9**
4. 17 ÷ 9 = **17/9 = 1 8/9**
5. 11 ÷ 6 = **11/6 = 1 5/6**
6. 19 ÷ 9 = **19/9 = 2 1/9**
7. 14 ÷ 5 = **14/5 = 2 4/5**
8. 17 ÷ 5 = **17/5 = 3 2/5**

**Part B: Solve. Write the answer as a fraction or mixed number.**

9. 8 gift boxes share 7 yards of ribbon equally. How much does each get? **7/8 of a yard**
10. 3 gift boxes share 11 yards of ribbon equally. How much does each get? **3 2/3 yards**
11. 7 families share 12 pies equally. How much does each get? **1 5/7 pies**
12. 6 plants share 5 liters of water equally. How much does each get? **5/6 of a liter**

# Fractions as Division - ANSWER KEY

Grade 5 | Interpreting a fraction as division and solving sharing problems | Version 10 of 10

*A fraction is a division: 3 ÷ 4 = 3/4. When the top number is bigger, also write a mixed number: 7 ÷ 2 = 7/2 = 3 1/2.*

**Part A: Write each quotient as a fraction. Write a mixed number too if it is greater than 1.**

1. 16 ÷ 9 = **16/9 = 1 7/9**
2. 1 ÷ 9 = **1/9**
3. 15 ÷ 7 = **15/7 = 2 1/7**
4. 5 ÷ 7 = **5/7**
5. 2 ÷ 7 = **2/7**
6. 15 ÷ 2 = **15/2 = 7 1/2**
7. 2 ÷ 3 = **2/3**
8. 17 ÷ 8 = **17/8 = 2 1/8**

**Part B: Solve. Write the answer as a fraction or mixed number.**

9. 3 friends share 8 pizzas equally. How much does each get? **2 2/3 pizzas**
10. 3 hikers share 2 sandwiches equally. How much does each get? **2/3 of a sandwich**
11. 8 plants share 3 liters of water equally. How much does each get? **3/8 of a liter**
12. 5 plants share 3 liters of water equally. How much does each get? **3/5 of a liter**