Name: _____ Date: _____

Fractions as Division

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 = _____
2. 19 ÷ 4 = _____
3. 1 ÷ 7 = _____
4. 14 ÷ 9 = _____
5. 8 ÷ 5 = _____
6. 5 ÷ 4 = _____
7. 6 ÷ 5 = _____
8. 13 ÷ 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? _____
10. 5 plants share 11 liters of water equally. How much does each get? _____
11. 2 hikers share 9 sandwiches equally. How much does each get? _____
12. 3 plants share 7 liters of water equally. How much does each get? _____

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**