Name: _____ Date: _____

Fractions as Division

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 = _____
2. 17 ÷ 4 = _____
3. 11 ÷ 5 = _____
4. 7 ÷ 5 = _____
5. 12 ÷ 5 = _____
6. 4 ÷ 3 = _____
7. 3 ÷ 4 = _____
8. 5 ÷ 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? _____
10. 7 families share 5 pies equally. How much does each get? _____
11. 3 hikers share 4 sandwiches equally. How much does each get? _____
12. 4 hikers share 5 sandwiches equally. How much does each get? _____

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**