Name: _____ Date: _____

Fractions as Division

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 = _____
2. 4 ÷ 5 = _____
3. 20 ÷ 9 = _____
4. 16 ÷ 7 = _____
5. 17 ÷ 2 = _____
6. 13 ÷ 9 = _____
7. 13 ÷ 5 = _____
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? _____
10. 8 gift boxes share 5 yards of ribbon equally. How much does each get? _____
11. 7 plants share 4 liters of water equally. How much does each get? _____
12. 6 campers share 5 granola bars equally. How much does each get? _____

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**