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**