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**