Fractions as Division - ANSWER KEY

Grade 5 | Interpreting a fraction as division and solving sharing problems | Version 5 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 ÷ 2 = **1/2**
2. 19 ÷ 7 = **19/7 = 2 5/7**
3. 19 ÷ 2 = **19/2 = 9 1/2**
4. 1 ÷ 6 = **1/6**
5. 13 ÷ 8 = **13/8 = 1 5/8**
6. 9 ÷ 5 = **9/5 = 1 4/5**
7. 3 ÷ 2 = **3/2 = 1 1/2**
8. 5 ÷ 2 = **5/2 = 2 1/2**

Part B: Solve. Write the answer as a fraction or mixed number.

9. 4 gift boxes share 3 yards of ribbon equally. How much does each get? **3/4 of a yard**
10. 5 hikers share 9 sandwiches equally. How much does each get? **1 4/5 sandwichs**
11. 8 plants share 11 liters of water equally. How much does each get? **1 3/8 liters**
12. 4 friends share 9 pizzas equally. How much does each get? **2 1/4 pizzas**