Fractions as Division - ANSWER KEY

Grade 5 | Interpreting a fraction as division and solving sharing problems | Version 6 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. 6 ÷ 7 = **6/7**
2. 13 ÷ 4 = **13/4 = 3 1/4**
3. 9 ÷ 8 = **9/8 = 1 1/8**
4. 3 ÷ 7 = **3/7**
5. 13 ÷ 3 = **13/3 = 4 1/3**
6. 10 ÷ 7 = **10/7 = 1 3/7**
7. 9 ÷ 2 = **9/2 = 4 1/2**
8. 13 ÷ 2 = **13/2 = 6 1/2**

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

9. 3 hikers share 1 sandwich equally. How much does each get? **1/3 of a sandwich**
10. 5 campers share 6 granola bars equally. How much does each get? **1 1/5 granola bars**
11. 4 plants share 1 liter equally. How much does each get? **1/4 of a liter**
12. 7 gift boxes share 3 yards of ribbon equally. How much does each get? **3/7 of a yard**