Fractions as Division - ANSWER KEY

Grade 5 | Interpreting a fraction as division and solving sharing problems | Version 7 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. 11 ÷ 4 = **11/4 = 2 3/4**
2. 14 ÷ 3 = **14/3 = 4 2/3**
3. 8 ÷ 7 = **8/7 = 1 1/7**
4. 8 ÷ 3 = **8/3 = 2 2/3**
5. 8 ÷ 9 = **8/9**
6. 7 ÷ 6 = **7/6 = 1 1/6**
7. 11 ÷ 7 = **11/7 = 1 4/7**
8. 5 ÷ 8 = **5/8**

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

9. 4 plants share 3 liters of water equally. How much does each get? **3/4 of a liter**
10. 5 friends share 9 pizzas equally. How much does each get? **1 4/5 pizzas**
11. 4 plants share 5 liters of water equally. How much does each get? **1 1/4 liters**
12. 8 friends share 1 pizza equally. How much does each get? **1/8 of a pizza**