FUN MATH KIDS

Basic

Dividing Fractions with Reciprocals

Topic: Dividing fractions by multiplying by the reciprocal · Grade: grade 6

Name: _____ Date: _____ Score: _____/ 12

Rewrite each division as a multiplication by the reciprocal, then simplify.

1. 1/4 ÷ 5/8 = 1/4 × 8/5 = ____

2. 7/8 ÷ 3/4 = 7/8 × 4/3 = ____

3. 1/4 ÷ 1/2 = 1/4 × 2 = ____

4. 1/3 ÷ 5/7 = 1/3 × 7/5 = ____

5. 4/7 ÷ 2/3 = 4/7 × 3/2 = ____

6. 1/2 ÷ 5/7 = 1/2 × 7/5 = ____

7. 1/2 ÷ 2/3 = 1/2 × 3/2 = ____

8. 5/6 ÷ 7/8 = 5/6 × 8/7 = ____

9. 1/2 ÷ 3/5 = 1/2 × 5/3 = ____

10. 1/3 ÷ 2/3 = 1/3 × 3/2 = ____

11. 2/3 ÷ 1/3 = 2/3 × 3 = ____

12. 2/5 ÷ 1/3 = 2/5 × 3 = ____