

Unit 4: Dividing Fractions

ADVANCED

Name: _____ Date: _____

Divide. Write each answer as a whole number, a mixed number, or a fraction in lowest terms.

1. Find the quotient: $7/8 \div 3/4$

Answer: _____

2. Find the quotient: $5/6 \div 5/9$

Answer: _____

3. Find the quotient: $9/10 \div 6/25$

Answer: _____

4. Divide the mixed numbers: $3\ 3/4 \div 1\ 1/2$

Answer: _____

5. Divide: $4\ 2/3 \div 5/6$

Answer: _____

6. Divide the mixed numbers: $5\ 5/8 \div 2\ 1/4$

Answer: _____

7. A recipe needs $3/4$ cup of flour per batch. How many full batches can be made from $9\ 3/8$ cups of flour?

Answer: _____

8. A board that is $10\ 1/2$ feet long is cut into pieces each $7/8$ foot long. How many pieces are made?

Answer: _____

9. Evaluate: $(2/3 \div 4/9) \times 5/6$

Answer: _____

10. Evaluate: $(7/10 \div 14/15) \div 3/8$

Answer: _____

11. Solve for x: $(5/8) \times x = 15/16$. Write x as a fraction in lowest terms.

Answer: _____

12. A tank holds $11\ 1/4$ liters. Each container holds $15/16$ liter. How many containers can be completely filled?

Answer: _____