

Unit 4: Dividing Fractions

ADVANCED · SET 2

Name: _____

Date: _____

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

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

Answer: _____

2. Find the quotient: $5/6 \div 10/9$

Answer: _____

3. Compute: $3\ 3/4 \div 5/8$

Answer: _____

4. Compute: $2\ 2/3 \div 1\ 1/5$

Answer: _____

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

Answer: _____

6. Find the quotient: $4 \div 2/7$

Answer: _____

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

Answer: _____

8. A ribbon $7\ 1/2$ feet long is cut into pieces that are each $5/6$ foot long. How many pieces are made?

Answer: _____

9. How many $3/8$ -cup servings are in $6\ 3/4$ cups of rice?

Answer: _____

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

Answer: _____

11. A car travels $5\ 5/8$ miles using $3/4$ gallon of gas. How many miles per gallon is that?

Answer: _____

12. Evaluate: $11/12 \div 22/9 \times 4/3$

Answer: _____