



Objective: REVIEW

Day 2

III. Developing the Fraction Division Algorithm

A. Determine the fraction that makes each product 1.

1. $\underline{\hspace{1cm}} \times \frac{3}{1} = 1$

2. $\frac{2}{3} \times \underline{\hspace{1cm}} = 1$

3. $\underline{\hspace{1cm}} \times \frac{5}{4} = 1$

4. $\frac{1}{11} \times \underline{\hspace{1cm}} = 1$

5. $\frac{3}{5} \times \underline{\hspace{1cm}} = 1$

6. $\underline{\hspace{1cm}} \times \frac{9}{4} = 1$

7. $\frac{1}{7} \times \underline{\hspace{1cm}} = 1$

8. $\underline{\hspace{1cm}} \times \frac{1}{23} = 1$

9. $\underline{\hspace{1cm}} \times \frac{8}{9} = 1$

10. $\frac{3}{7} \times \underline{\hspace{1cm}} = 1$

B. Calculate each quotient by rewriting it as a multiplication problem.

1. $\frac{7}{4} \div \frac{11}{7} = ?$

2. $\frac{24}{5} \div \frac{7}{2} = ?$

3. $\frac{8}{3} \div \frac{2}{5} = ?$

4. $\frac{1}{2} \div 4 = ?$

5. $9 \div \frac{3}{5} = ?$

6. $\frac{15}{8} \div \frac{4}{3} = ?$

7. $\frac{10}{3} \div \frac{1}{6} = ?$

8. $5 \div \frac{7}{9} = ?$

9. $\frac{2}{11} \div 3 = ?$

10. $\frac{6}{5} \div \frac{8}{7} = ?$

IV. Multiplying and Dividing Rational Numbers

A. Calculate each quotient. Simplify your answer

1. $\frac{5}{6} \div \frac{1}{2}$

2. $\frac{8}{9} \div \frac{2}{3}$

3. $\frac{7}{8} \div \frac{1}{4}$

4. $\frac{3}{4} \div \frac{1}{6}$

5. $\frac{15}{16} \div \frac{3}{4}$

6. $\frac{7}{12} \div \frac{1}{3}$

7. $9\frac{1}{3} \div 2\frac{1}{3}$

8. $10\frac{1}{5} \div 3\frac{2}{5}$

9. $19 \div 6\frac{1}{4}$

10. $12\frac{1}{2} \div 2\frac{1}{3}$