3.13 Dividing Fractions

Chapter 3: Factors, Multiples, and Fractions

Name: _____ Date: _____ Class/Period: _____

Problem 3.188 $\frac{5}{8} \div \frac{7}{9}$

Problem 3.189 $\frac{1}{4} \div \frac{3}{8}$

Problem 3.190 $\frac{5}{6} \div \frac{4}{5}$

Problem 3.191 $\frac{8}{15} \div \frac{12}{25}$

Problem 3.192 $\frac{21}{16} \div \frac{49}{50}$

Problem 3.193 $\frac{52}{55} \div 2\frac{6}{11}$

Problem 3.194 $5\frac{1}{3} \div 1\frac{1}{9}$

Problem 3.195 $2\frac{5}{8} \div 6\frac{3}{4}$

Problem 3.196 $12 \div \frac{5}{6}$

Problem 3.197 A $6\frac{3}{4}$-meter ribbon is cut into pieces each $\frac{3}{8}$ meter long. How many pieces are made?

Problem 3.198 Zac combines $5\frac{2}{3}$ cups of tea and $3\frac{1}{12}$ cups of lemonade, then shares the drink equally among 5 people. How much does each person receive?

Problem 3.199 A student claims that dividing by $\frac{1}{2}$ makes a number smaller. Use an example and an explanation to correct the claim.

Problem 3.200 Create a fraction-division equation with quotient $3\frac{1}{2}$, and verify it by multiplication.