Dividing Negative Proper Fractions (H)

Name: _____ Date: _____ Score: _____

Calculate each quotient.

1. $\left(-\frac{5}{6}\right) \div \left(-\frac{4}{9}\right) = \frac{\quad}{\quad} \times \frac{\quad}{\quad} = \frac{\quad}{\quad} = \frac{\quad}{\quad} = \frac{\quad}{\quad}$

2. $\frac{3}{7} \div \left(-\frac{7}{9}\right) = \frac{\quad}{\quad} \times \frac{\quad}{\quad} = \frac{\quad}{\quad}$

3. $\left(-\frac{5}{8}\right) \div \left(-\frac{1}{2}\right) = \frac{\quad}{\quad} \times \frac{\quad}{\quad} = \frac{\quad}{\quad} = \frac{\quad}{\quad} = \frac{\quad}{\quad}$

4. $\frac{4}{7} \div \left(-\frac{1}{2}\right) = \frac{\quad}{\quad} \times \frac{\quad}{\quad} = \frac{\quad}{\quad} = \frac{\quad}{\quad}$

5. $\left(-\frac{1}{2}\right) \div \left(-\frac{1}{3}\right) = \frac{\quad}{\quad} \times \frac{\quad}{\quad} = \frac{\quad}{\quad} = \frac{\quad}{\quad}$

6. $\frac{6}{7} \div \left(-\frac{6}{7}\right) = \frac{\quad}{\quad} \times \frac{\quad}{\quad} = \frac{\quad}{\quad} = \frac{\quad}{\quad}$

7. $\left(-\frac{3}{4}\right) \div \left(-\frac{3}{7}\right) = \frac{\quad}{\quad} \times \frac{\quad}{\quad} = \frac{\quad}{\quad} = \frac{\quad}{\quad} = \frac{\quad}{\quad}$

8. $\left(-\frac{2}{5}\right) \div \left(-\frac{1}{2}\right) = \frac{\quad}{\quad} \times \frac{\quad}{\quad} = \frac{\quad}{\quad}$

9. $\left(-\frac{4}{5}\right) \div \left(-\frac{7}{9}\right) = \frac{\quad}{\quad} \times \frac{\quad}{\quad} = \frac{\quad}{\quad} = \frac{\quad}{\quad}$

10. $\left(-\frac{1}{3}\right) \div \frac{4}{5} = \frac{\quad}{\quad} \times \frac{\quad}{\quad} = \frac{\quad}{\quad}$

Dividing Negative Proper Fractions (H) Answers

Name: _____ Date: _____ Score: _____

Calculate each quotient.

1. $\left(-\frac{5}{6}\right) \div \left(-\frac{4}{9}\right) = \left(-\frac{5}{6}\right) \times \left(-\frac{9}{4}\right) = \frac{45}{24} = \frac{15}{8} = 1\frac{7}{8}$

2. $\frac{3}{7} \div \left(-\frac{7}{9}\right) = \frac{3}{7} \times \left(-\frac{9}{7}\right) = \left(-\frac{27}{49}\right)$

3. $\left(-\frac{5}{8}\right) \div \left(-\frac{1}{2}\right) = \left(-\frac{5}{8}\right) \times \left(-\frac{2}{1}\right) = \frac{10}{8} = \frac{5}{4} = 1\frac{1}{4}$

4. $\frac{4}{7} \div \left(-\frac{1}{2}\right) = \frac{4}{7} \times \left(-\frac{2}{1}\right) = \left(-\frac{8}{7}\right) = \left(-1\frac{1}{7}\right)$

5. $\left(-\frac{1}{2}\right) \div \left(-\frac{1}{3}\right) = \left(-\frac{1}{2}\right) \times \left(-\frac{3}{1}\right) = \frac{3}{2} = 1\frac{1}{2}$

6. $\frac{6}{7} \div \left(-\frac{6}{7}\right) = \frac{6}{7} \times \left(-\frac{7}{6}\right) = \left(-\frac{42}{42}\right) = \left(-\frac{1}{1}\right)$

7. $\left(-\frac{3}{4}\right) \div \left(-\frac{3}{7}\right) = \left(-\frac{3}{4}\right) \times \left(-\frac{7}{3}\right) = \frac{21}{12} = \frac{7}{4} = 1\frac{3}{4}$

8. $\left(-\frac{2}{5}\right) \div \left(-\frac{1}{2}\right) = \left(-\frac{2}{5}\right) \times \left(-\frac{2}{1}\right) = \frac{4}{5}$

9. $\left(-\frac{4}{5}\right) \div \left(-\frac{7}{9}\right) = \left(-\frac{4}{5}\right) \times \left(-\frac{9}{7}\right) = \frac{36}{35} = 1\frac{1}{35}$

10. $\left(-\frac{1}{3}\right) \div \frac{4}{5} = \left(-\frac{1}{3}\right) \times \frac{5}{4} = \left(-\frac{5}{12}\right)$