Dividing Negative Proper Fractions (E)

Name: _____ Date: _____ Score: _____

Calculate each quotient.

1. $\left(-\frac{1}{2}\right) \div \left(-\frac{4}{9}\right) = \frac{\quad}{\quad} \times \frac{\quad}{\quad} = \frac{\quad}{\quad} = \frac{\quad}{\quad}$

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

3. $\frac{2}{11} \div \left(-\frac{1}{5}\right) = \frac{\quad}{\quad} \times \frac{\quad}{\quad} = \frac{\quad}{\quad}$

4. $\left(-\frac{1}{10}\right) \div \left(-\frac{8}{11}\right) = \frac{\quad}{\quad} \times \frac{\quad}{\quad} = \frac{\quad}{\quad}$

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

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

7. $\left(-\frac{1}{2}\right) \div \left(-\frac{5}{11}\right) = \frac{\quad}{\quad} \times \frac{\quad}{\quad} = \frac{\quad}{\quad} = \frac{\quad}{\quad}$

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

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

10. $\frac{4}{5} \div \left(-\frac{11}{12}\right) = \frac{\quad}{\quad} \times \frac{\quad}{\quad} = \frac{\quad}{\quad}$

Dividing Negative Proper Fractions (E) Answers

Name: _____ Date: _____ Score: _____

Calculate each quotient.

1. $\left(-\frac{1}{2}\right) \div \left(-\frac{4}{9}\right) = \left(-\frac{1}{2}\right) \times \left(-\frac{9}{4}\right) = \frac{9}{8} = 1\frac{1}{8}$

2. $\left(-\frac{3}{4}\right) \div \frac{3}{10} = \left(-\frac{3}{4}\right) \times \frac{10}{3} = \left(-\frac{30}{12}\right) = \left(-\frac{5}{2}\right) = \left(-2\frac{1}{2}\right)$

3. $\frac{2}{11} \div \left(-\frac{1}{5}\right) = \frac{2}{11} \times \left(-\frac{5}{1}\right) = \left(-\frac{10}{11}\right)$

4. $\left(-\frac{1}{10}\right) \div \left(-\frac{8}{11}\right) = \left(-\frac{1}{10}\right) \times \left(-\frac{11}{8}\right) = \frac{11}{80}$

5. $\frac{1}{4} \div \left(-\frac{5}{9}\right) = \frac{1}{4} \times \left(-\frac{9}{5}\right) = \left(-\frac{9}{20}\right)$

6. $\frac{5}{9} \div \left(-\frac{5}{6}\right) = \frac{5}{9} \times \left(-\frac{6}{5}\right) = \left(-\frac{30}{45}\right) = \left(-\frac{2}{3}\right)$

7. $\left(-\frac{1}{2}\right) \div \left(-\frac{5}{11}\right) = \left(-\frac{1}{2}\right) \times \left(-\frac{11}{5}\right) = \frac{11}{10} = 1\frac{1}{10}$

8. $\left(-\frac{2}{3}\right) \div \left(-\frac{3}{7}\right) = \left(-\frac{2}{3}\right) \times \left(-\frac{7}{3}\right) = \frac{14}{9} = 1\frac{5}{9}$

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

10. $\frac{4}{5} \div \left(-\frac{11}{12}\right) = \frac{4}{5} \times \left(-\frac{12}{11}\right) = \left(-\frac{48}{55}\right)$