Dividing Negative Proper Fractions (B)

Name: _____ Date: _____ Score: _____

Calculate each quotient.

1. $\left(-\frac{1}{2}\right) \div \frac{8}{12} =$

2. $\left(-\frac{1}{2}\right) \div \left(-\frac{6}{11}\right) =$

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

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

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

6. $\left(-\frac{4}{8}\right) \div \frac{11}{12} =$

7. $\left(-\frac{4}{8}\right) \div \left(-\frac{8}{12}\right) =$

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

9. $\left(-\frac{4}{9}\right) \div \left(-\frac{2}{3}\right) =$

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

Dividing Negative Proper Fractions (B) Answers

Name: _____ Date: _____ Score: _____

Calculate each quotient.

1. $\left(-\frac{1}{2}\right) \div \frac{8}{12} = \left(-\frac{1}{2}\right) \times \frac{12}{8} = \left(-\frac{12}{16}\right) = \left(-\frac{3}{4}\right)$

2. $\left(-\frac{1}{2}\right) \div \left(-\frac{6}{11}\right) = \left(-\frac{1}{2}\right) \times \left(-\frac{11}{6}\right) = \frac{11}{12}$

3. $\left(-\frac{2}{8}\right) \div \left(-\frac{7}{9}\right) = \left(-\frac{2}{8}\right) \times \left(-\frac{9}{7}\right) = \frac{18}{56} = \frac{9}{28}$

4. $\left(-\frac{1}{8}\right) \div \left(-\frac{4}{10}\right) = \left(-\frac{1}{8}\right) \times \left(-\frac{10}{4}\right) = \frac{10}{32} = \frac{5}{16}$

5. $\left(-\frac{1}{2}\right) \div \left(-\frac{8}{9}\right) = \left(-\frac{1}{2}\right) \times \left(-\frac{9}{8}\right) = \frac{9}{16}$

6. $\left(-\frac{4}{8}\right) \div \frac{11}{12} = \left(-\frac{4}{8}\right) \times \frac{12}{11} = \left(-\frac{48}{88}\right) = \left(-\frac{6}{11}\right)$

7. $\left(-\frac{4}{8}\right) \div \left(-\frac{8}{12}\right) = \left(-\frac{4}{8}\right) \times \left(-\frac{12}{8}\right) = \frac{48}{64} = \frac{3}{4}$

8. $\frac{1}{4} \div \left(-\frac{4}{11}\right) = \frac{1}{4} \times \left(-\frac{11}{4}\right) = \left(-\frac{11}{16}\right)$

9. $\left(-\frac{4}{9}\right) \div \left(-\frac{2}{3}\right) = \left(-\frac{4}{9}\right) \times \left(-\frac{3}{2}\right) = \frac{12}{18} = \frac{2}{3}$

10. $\left(-\frac{1}{4}\right) \div \frac{6}{9} = \left(-\frac{1}{4}\right) \times \frac{9}{6} = \left(-\frac{9}{24}\right) = \left(-\frac{3}{8}\right)$