Dividing Negative Proper Fractions (C)

Name: _____ Date: _____ Score: _____

Calculate each quotient.

1. $\left(-\dfrac{5}{11}\right) \div \dfrac{10}{12} =$

2. $\left(-\dfrac{1}{5}\right) \div \left(-\dfrac{4}{7}\right) =$

3. $\dfrac{1}{8} \div \left(-\dfrac{5}{6}\right) =$

4. $\left(-\dfrac{2}{10}\right) \div \dfrac{6}{12} =$

5. $\dfrac{2}{9} \div \left(-\dfrac{9}{12}\right) =$

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

7. $\left(-\dfrac{1}{9}\right) \div \dfrac{9}{10} =$

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

9. $\dfrac{2}{12} \div \left(-\dfrac{2}{5}\right) =$

10. $\left(-\dfrac{4}{10}\right) \div \dfrac{1}{2} =$

Dividing Negative Proper Fractions (C) Answers

Name: _____   Date: _____   Score: _____

Calculate each quotient.

1. $\left(-\dfrac{5}{11}\right) \div \dfrac{10}{12} = \left(-\dfrac{5}{11}\right) \times \dfrac{12}{10} = \left(-\dfrac{60}{110}\right) = \left(-\dfrac{6}{11}\right)$

2. $\left(-\dfrac{1}{5}\right) \div \left(-\dfrac{4}{7}\right) = \left(-\dfrac{1}{5}\right) \times \left(-\dfrac{7}{4}\right) = \dfrac{7}{20}$

3. $\dfrac{1}{8} \div \left(-\dfrac{5}{6}\right) = \dfrac{1}{8} \times \left(-\dfrac{6}{5}\right) = \left(-\dfrac{6}{40}\right) = \left(-\dfrac{3}{20}\right)$

4. $\left(-\dfrac{2}{10}\right) \div \dfrac{6}{12} = \left(-\dfrac{2}{10}\right) \times \dfrac{12}{6} = \left(-\dfrac{24}{60}\right) = \left(-\dfrac{2}{5}\right)$

5. $\dfrac{2}{9} \div \left(-\dfrac{9}{12}\right) = \dfrac{2}{9} \times \left(-\dfrac{12}{9}\right) = \left(-\dfrac{24}{81}\right) = \left(-\dfrac{8}{27}\right)$

6. $\left(-\dfrac{1}{2}\right) \div \left(-\dfrac{3}{5}\right) = \left(-\dfrac{1}{2}\right) \times \left(-\dfrac{5}{3}\right) = \dfrac{5}{6}$

7. $\left(-\dfrac{1}{9}\right) \div \dfrac{9}{10} = \left(-\dfrac{1}{9}\right) \times \dfrac{10}{9} = \left(-\dfrac{10}{81}\right)$

8. $\left(-\dfrac{1}{8}\right) \div \left(-\dfrac{4}{7}\right) = \left(-\dfrac{1}{8}\right) \times \left(-\dfrac{7}{4}\right) = \dfrac{7}{32}$

9. $\dfrac{2}{12} \div \left(-\dfrac{2}{5}\right) = \dfrac{2}{12} \times \left(-\dfrac{5}{2}\right) = \left(-\dfrac{10}{24}\right) = \left(-\dfrac{5}{12}\right)$

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

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