Dividing Negative Proper Fractions (J)

Name: _____ Date: _____ Score: _____

Calculate each quotient.

1. $\left(-\dfrac{3}{4}\right) \div \left(-\dfrac{4}{5}\right) =$

2. $\left(-\dfrac{2}{4}\right) \div \left(-\dfrac{5}{6}\right) =$

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

4. $\left(-\dfrac{1}{4}\right) \div \dfrac{1}{3} =$

5. $\left(-\dfrac{1}{4}\right) \div \left(-\dfrac{1}{3}\right) =$

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

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

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

9. $\left(-\dfrac{1}{2}\right) \div \dfrac{3}{4} =$

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

Dividing Negative Proper Fractions (J) Answers

Name: _____   Date: _____   Score: _____

Calculate each quotient.

1. $\left(-\dfrac{3}{4}\right) \div \left(-\dfrac{4}{5}\right) = \left(-\dfrac{3}{4}\right) \times \left(-\dfrac{5}{4}\right) = \dfrac{15}{16}$

2. $\left(-\dfrac{2}{4}\right) \div \left(-\dfrac{5}{6}\right) = \left(-\dfrac{2}{4}\right) \times \left(-\dfrac{6}{5}\right) = \dfrac{12}{20} = \dfrac{3}{5}$

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

4. $\left(-\dfrac{1}{4}\right) \div \dfrac{1}{3} = \left(-\dfrac{1}{4}\right) \times \dfrac{3}{1} = \left(-\dfrac{3}{4}\right)$

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

6. $\left(-\dfrac{2}{4}\right) \div \left(-\dfrac{4}{5}\right) = \left(-\dfrac{2}{4}\right) \times \left(-\dfrac{5}{4}\right) = \dfrac{10}{16} = \dfrac{5}{8}$

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

8. $\left(-\dfrac{1}{3}\right) \div \left(-\dfrac{3}{5}\right) = \left(-\dfrac{1}{3}\right) \times \left(-\dfrac{5}{3}\right) = \dfrac{5}{9}$

9. $\left(-\dfrac{1}{2}\right) \div \dfrac{3}{4} = \left(-\dfrac{1}{2}\right) \times \dfrac{4}{3} = \left(-\dfrac{4}{6}\right) = \left(-\dfrac{2}{3}\right)$

10. $\left(-\dfrac{2}{5}\right) \div \dfrac{4}{6} = \left(-\dfrac{2}{5}\right) \times \dfrac{6}{4} = \left(-\dfrac{12}{20}\right) = \left(-\dfrac{3}{5}\right)$

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