Dividing Negative Proper Fractions (C)

Name: _____ Date: _____ Score: _____

Calculate each quotient.

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

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

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

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

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

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

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

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

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

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

Dividing Negative Proper Fractions (C) Answers

Calculate each quotient.

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

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

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

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

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

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

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

8. $\left(-\dfrac{1}{2}\right) \div \dfrac{5}{6} = \left(-\dfrac{1}{2}\right) \times \dfrac{6}{5} = \left(-\dfrac{6}{10}\right) = \left(-\dfrac{3}{5}\right)$

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

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