Dividing Negative Proper Fractions (B)

Name: _____ Date: _____ Score: _____

Calculate each quotient.

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

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

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

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

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

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

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

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

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

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

Dividing Negative Proper Fractions (B) Answers

Name: _____ Date: _____ Score: _____

Calculate each quotient.

1. $\left(-\dfrac{1}{2}\right) \div \left(-\dfrac{4}{6}\right) = \left(-\dfrac{1}{2}\right) \times \left(-\dfrac{6}{4}\right) = \dfrac{6}{8} = \dfrac{3}{4}$

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

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

4. $\left(-\dfrac{2}{3}\right) \div \left(-\dfrac{5}{6}\right) = \left(-\dfrac{2}{3}\right) \times \left(-\dfrac{6}{5}\right) = \dfrac{12}{15} = \dfrac{4}{5}$

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

6. $\dfrac{1}{3} \div \left(-\dfrac{4}{5}\right) = \dfrac{1}{3} \times \left(-\dfrac{5}{4}\right) = \left(-\dfrac{5}{12}\right)$

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

8. $\left(-\dfrac{1}{6}\right) \div \left(-\dfrac{2}{3}\right) = \left(-\dfrac{1}{6}\right) \times \left(-\dfrac{3}{2}\right) = \dfrac{3}{12} = \dfrac{1}{4}$

9. $\left(-\dfrac{1}{4}\right) \div \left(-\dfrac{2}{3}\right) = \left(-\dfrac{1}{4}\right) \times \left(-\dfrac{3}{2}\right) = \dfrac{3}{8}$

10. $\left(-\dfrac{3}{5}\right) \div \left(-\dfrac{3}{4}\right) = \left(-\dfrac{3}{5}\right) \times \left(-\dfrac{4}{3}\right) = \dfrac{12}{15} = \dfrac{4}{5}$