Dividing Negative Proper Fractions (A)

Name: _____ Date: _____ Score: _____

Calculate each quotient.

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

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

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

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

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

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

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

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

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

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

Dividing Negative Proper Fractions (A) Answers

Name: _____ Date: _____ Score: _____

Calculate each quotient.

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

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

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

4. $\left(-\frac{1}{6}\right) \div \left(-\frac{5}{6}\right) = \left(-\frac{1}{6}\right) \times \left(-\frac{6}{5}\right) = \frac{6}{30} = \frac{1}{5}$

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

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

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

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

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

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