Dividing Negative Proper Fractions (J)

Name: _____   Date: _____   Score: _____

Calculate each quotient.

1. $\left(-\dfrac{6}{11}\right) \div \left(-\dfrac{6}{11}\right) = \underline{\quad} \times \underline{\quad} = \underline{\quad} =$

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

3. $\left(-\dfrac{1}{12}\right) \div \left(-\dfrac{4}{7}\right) = \underline{\quad} \times \underline{\quad} = \underline{\quad}$

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

5. $\left(-\dfrac{1}{11}\right) \div \dfrac{2}{3} = \underline{\quad} \times \underline{\quad} = \underline{\quad}$

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

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

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

9. $\dfrac{2}{7} \div \left(-\dfrac{6}{7}\right) = \underline{\quad} \times \underline{\quad} = \underline{\quad} = \underline{\quad}$

10. $\left(-\dfrac{1}{5}\right) \div \left(-\dfrac{7}{8}\right) = \underline{\quad} \times \underline{\quad} = \underline{\quad}$

Dividing Negative Proper Fractions (J) Answers

Name: _____ Date: _____ Score: _____

Calculate each quotient.

1. $\left(-\dfrac{6}{11}\right) \div \left(-\dfrac{6}{11}\right) = \left(-\dfrac{6}{11}\right) \times \left(-\dfrac{11}{6}\right) = \dfrac{66}{66} = 1$

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

3. $\left(-\dfrac{1}{12}\right) \div \left(-\dfrac{4}{7}\right) = \left(-\dfrac{1}{12}\right) \times \left(-\dfrac{7}{4}\right) = \dfrac{7}{48}$

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

5. $\left(-\dfrac{1}{11}\right) \div \dfrac{2}{3} = \left(-\dfrac{1}{11}\right) \times \dfrac{3}{2} = \left(-\dfrac{3}{22}\right)$

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

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

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

9. $\dfrac{2}{7} \div \left(-\dfrac{6}{7}\right) = \dfrac{2}{7} \times \left(-\dfrac{7}{6}\right) = \left(-\dfrac{14}{42}\right) = \left(-\dfrac{1}{3}\right)$

10. $\left(-\dfrac{1}{5}\right) \div \left(-\dfrac{7}{8}\right) = \left(-\dfrac{1}{5}\right) \times \left(-\dfrac{8}{7}\right) = \dfrac{8}{35}$