Dividing Negative Proper Fractions (I)

Name: _____   Date: _____   Score: _____

Calculate each quotient.

1. $\dfrac{2}{7} \div \left(-\dfrac{5}{6}\right) =$

2. $\left(-\dfrac{4}{12}\right) \div \left(-\dfrac{7}{8}\right) =$

3. $\left(-\dfrac{3}{5}\right) \div \left(-\dfrac{6}{9}\right) =$

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

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

6. $\left(-\dfrac{2}{7}\right) \div \dfrac{5}{10} =$

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

8. $\left(-\dfrac{2}{5}\right) \div \left(-\dfrac{4}{7}\right) =$

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

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

Dividing Negative Proper Fractions (I) Answers

Name: _____

Date: _____

Score: _____

Calculate each quotient.

1. $\dfrac{2}{7} \div \left(-\dfrac{5}{6}\right) \quad = \quad \dfrac{2}{7} \times \left(-\dfrac{6}{5}\right) \quad = \left(-\dfrac{12}{35}\right)$

2. $\left(-\dfrac{4}{12}\right) \div \left(-\dfrac{7}{8}\right) = \left(-\dfrac{4}{12}\right) \times \left(-\dfrac{8}{7}\right) = \dfrac{32}{84} \quad = \quad \dfrac{8}{21}$

3. $\left(-\dfrac{3}{5}\right) \div \left(-\dfrac{6}{9}\right) = \left(-\dfrac{3}{5}\right) \times \left(-\dfrac{9}{6}\right) = \dfrac{27}{30} \quad = \quad \dfrac{9}{10}$

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

5. $\left(-\dfrac{1}{9}\right) \div \left(-\dfrac{4}{5}\right) = \left(-\dfrac{1}{9}\right) \times \left(-\dfrac{5}{4}\right) = \dfrac{5}{36}$

6. $\left(-\dfrac{2}{7}\right) \div \dfrac{5}{10} \quad = \quad \left(-\dfrac{2}{7}\right) \times \dfrac{10}{5} \quad = \left(-\dfrac{20}{35}\right) = \left(-\dfrac{4}{7}\right)$

7. $\left(-\dfrac{2}{5}\right) \div \left(-\dfrac{3}{5}\right) = \left(-\dfrac{2}{5}\right) \times \left(-\dfrac{5}{3}\right) = \dfrac{10}{15} \quad = \quad \dfrac{2}{3}$

8. $\left(-\dfrac{2}{5}\right) \div \left(-\dfrac{4}{7}\right) = \left(-\dfrac{2}{5}\right) \times \left(-\dfrac{7}{4}\right) = \dfrac{14}{20} \quad = \quad \dfrac{7}{10}$

9. $\left(-\dfrac{2}{5}\right) \div \left(-\dfrac{6}{8}\right) = \left(-\dfrac{2}{5}\right) \times \left(-\dfrac{8}{6}\right) = \dfrac{16}{30} \quad = \quad \dfrac{8}{15}$

10. $\dfrac{7}{10} \div \left(-\dfrac{8}{10}\right) \quad = \quad \dfrac{7}{10} \times \left(-\dfrac{10}{8}\right) \quad = \left(-\dfrac{70}{80}\right) = \left(-\dfrac{7}{8}\right)$