Dividing Negative Proper Fractions (G)

Name: _____　　Date: _____　　Score: _____

Calculate each quotient.

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

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

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

4. $\dfrac{2}{9} \div \left(-\dfrac{3}{5}\right) =$

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

6. $\dfrac{1}{2} \div \left(-\dfrac{10}{12}\right) =$

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

8. $\left(-\dfrac{8}{11}\right) \div \dfrac{7}{8} =$

9. $\left(-\dfrac{4}{9}\right) \div \left(-\dfrac{3}{5}\right) =$

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

Dividing Negative Proper Fractions (G) Answers

Name: _____

Date: _____

Score: _____

Calculate each quotient.

1. $\left(-\dfrac{1}{12}\right) \div \left(-\dfrac{3}{5}\right) = \left(-\dfrac{1}{12}\right) \times \left(-\dfrac{5}{3}\right) = \dfrac{5}{36}$

2. $\left(-\dfrac{1}{3}\right) \div \left(-\dfrac{5}{6}\right) = \left(-\dfrac{1}{3}\right) \times \left(-\dfrac{6}{5}\right) = \dfrac{6}{15} = \dfrac{2}{5}$

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

4. $\dfrac{2}{9} \div \left(-\dfrac{3}{5}\right) = \dfrac{2}{9} \times \left(-\dfrac{5}{3}\right) = \left(-\dfrac{10}{27}\right)$

5. $\left(-\dfrac{2}{7}\right) \div \left(-\dfrac{3}{5}\right) = \left(-\dfrac{2}{7}\right) \times \left(-\dfrac{5}{3}\right) = \dfrac{10}{21}$

6. $\dfrac{1}{2} \div \left(-\dfrac{10}{12}\right) = \dfrac{1}{2} \times \left(-\dfrac{12}{10}\right) = \left(-\dfrac{12}{20}\right) = \left(-\dfrac{3}{5}\right)$

7. $\dfrac{1}{4} \div \left(-\dfrac{5}{9}\right) = \dfrac{1}{4} \times \left(-\dfrac{9}{5}\right) = \left(-\dfrac{9}{20}\right)$

8. $\left(-\dfrac{8}{11}\right) \div \dfrac{7}{8} = \left(-\dfrac{8}{11}\right) \times \dfrac{8}{7} = \left(-\dfrac{64}{77}\right)$

9. $\left(-\dfrac{4}{9}\right) \div \left(-\dfrac{3}{5}\right) = \left(-\dfrac{4}{9}\right) \times \left(-\dfrac{5}{3}\right) = \dfrac{20}{27}$

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

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