# Dividing Negative Proper Fractions (B)

Name: _____ Date: _____ Score: _____

Calculate each quotient.

1. $\left(-\frac{3}{4}\right) \div \left(-\frac{2}{5}\right) = \frac{\quad}{\quad} \times \frac{\quad}{\quad} = \frac{\quad}{\quad} = \frac{\quad}{\quad}$

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

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

4. $\left(-\frac{5}{12}\right) \div \frac{2}{7} = \frac{\quad}{\quad} \times \frac{\quad}{\quad} = \frac{\quad}{\quad} = \frac{\quad}{\quad}$

5. $\left(-\frac{1}{3}\right) \div \frac{9}{10} = \frac{\quad}{\quad} \times \frac{\quad}{\quad} = \frac{\quad}{\quad}$

6. $\left(-\frac{1}{7}\right) \div \left(-\frac{3}{5}\right) = \frac{\quad}{\quad} \times \frac{\quad}{\quad} = \frac{\quad}{\quad}$

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

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

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

10. $\left(-\frac{5}{9}\right) \div \left(-\frac{11}{12}\right) = \frac{\quad}{\quad} \times \frac{\quad}{\quad} = \frac{\quad}{\quad} = \frac{\quad}{\quad}$

# Dividing Negative Proper Fractions (B) Answers

Name: _____ Date: _____ Score: _____

Calculate each quotient.

1. $\left(-\frac{3}{4}\right) \div \left(-\frac{2}{5}\right) = \left(-\frac{3}{4}\right) \times \left(-\frac{5}{2}\right) = \frac{15}{8} = 1\frac{7}{8}$

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

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

4. $\left(-\frac{5}{12}\right) \div \frac{2}{7} = \left(-\frac{5}{12}\right) \times \frac{7}{2} = \left(-\frac{35}{24}\right) = \left(-1\frac{11}{24}\right)$

5. $\left(-\frac{1}{3}\right) \div \frac{9}{10} = \left(-\frac{1}{3}\right) \times \frac{10}{9} = \left(-\frac{10}{27}\right)$

6. $\left(-\frac{1}{7}\right) \div \left(-\frac{3}{5}\right) = \left(-\frac{1}{7}\right) \times \left(-\frac{5}{3}\right) = \frac{5}{21}$

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

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

9. $\left(-\frac{4}{5}\right) \div \left(-\frac{2}{3}\right) = \left(-\frac{4}{5}\right) \times \left(-\frac{3}{2}\right) = \frac{12}{10} = \frac{6}{5} = 1\frac{1}{5}$

10. $\left(-\frac{5}{9}\right) \div \left(-\frac{11}{12}\right) = \left(-\frac{5}{9}\right) \times \left(-\frac{12}{11}\right) = \frac{60}{99} = \frac{20}{33}$