

## Dividing Negative Proper Fractions (D)

Name: \_\_\_\_\_

Date: \_\_\_\_\_

Score: \_\_\_\_\_

Calculate each quotient.

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

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

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

4.  $\left(-\frac{2}{7}\right) \div \left(-\frac{4}{10}\right) =$

5.  $\left(-\frac{1}{11}\right) \div \left(-\frac{8}{9}\right) =$

6.  $\left(-\frac{1}{3}\right) \div \left(-\frac{4}{7}\right) =$

7.  $\left(-\frac{1}{7}\right) \div \frac{9}{11} =$

8.  $\left(-\frac{1}{2}\right) \div \frac{10}{11} =$

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

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

## Dividing Negative Proper Fractions (D) Answers

Name: \_\_\_\_\_

Date: \_\_\_\_\_

Score: \_\_\_\_\_

Calculate each quotient.

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

$$2. \quad \left(-\frac{1}{5}\right) \div \left(-\frac{3}{9}\right) = \left(-\frac{1}{5}\right) \times \left(-\frac{9}{3}\right) = \frac{9}{15} = \frac{3}{5}$$

$$3. \quad \left(-\frac{1}{9}\right) \div \frac{2}{5} = \left(-\frac{1}{9}\right) \times \frac{5}{2} = \left(-\frac{5}{18}\right)$$

$$4. \quad \left(-\frac{2}{7}\right) \div \left(-\frac{4}{10}\right) = \left(-\frac{2}{7}\right) \times \left(-\frac{10}{4}\right) = \frac{20}{28} = \frac{5}{7}$$

$$5. \quad \left(-\frac{1}{11}\right) \div \left(-\frac{8}{9}\right) = \left(-\frac{1}{11}\right) \times \left(-\frac{9}{8}\right) = \frac{9}{88}$$

$$6. \quad \left(-\frac{1}{3}\right) \div \left(-\frac{4}{7}\right) = \left(-\frac{1}{3}\right) \times \left(-\frac{7}{4}\right) = \frac{7}{12}$$

$$7. \quad \left(-\frac{1}{7}\right) \div \frac{9}{11} = \left(-\frac{1}{7}\right) \times \frac{11}{9} = \left(-\frac{11}{63}\right)$$

$$8. \quad \left(-\frac{1}{2}\right) \div \frac{10}{11} = \left(-\frac{1}{2}\right) \times \frac{11}{10} = \left(-\frac{11}{20}\right)$$

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

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