

## Dividing Negative Proper Fractions (E)

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

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

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

Calculate each quotient.

1.  $\left(-\frac{8}{12}\right) \div \left(-\frac{11}{12}\right) =$

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

3.  $\left(-\frac{5}{11}\right) \div \frac{7}{10} =$

4.  $\left(-\frac{5}{12}\right) \div \left(-\frac{2}{3}\right) =$

5.  $\frac{1}{2} \div \left(-\frac{7}{11}\right) =$

6.  $\left(-\frac{2}{6}\right) \div \left(-\frac{6}{9}\right) =$

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

8.  $\left(-\frac{1}{4}\right) \div \left(-\frac{5}{12}\right) =$

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

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

## Dividing Negative Proper Fractions (E) Answers

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

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

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

Calculate each quotient.

$$1. \left(-\frac{8}{12}\right) \div \left(-\frac{11}{12}\right) = \left(-\frac{8}{12}\right) \times \left(-\frac{12}{11}\right) = \frac{96}{132} = \frac{8}{11}$$

$$2. \frac{2}{7} \div \left(-\frac{4}{7}\right) = \frac{2}{7} \times \left(-\frac{7}{4}\right) = \left(-\frac{14}{28}\right) = \left(-\frac{1}{2}\right)$$

$$3. \left(-\frac{5}{11}\right) \div \frac{7}{10} = \left(-\frac{5}{11}\right) \times \frac{10}{7} = \left(-\frac{50}{77}\right)$$

$$4. \left(-\frac{5}{12}\right) \div \left(-\frac{2}{3}\right) = \left(-\frac{5}{12}\right) \times \left(-\frac{3}{2}\right) = \frac{15}{24} = \frac{5}{8}$$

$$5. \frac{1}{2} \div \left(-\frac{7}{11}\right) = \frac{1}{2} \times \left(-\frac{11}{7}\right) = \left(-\frac{11}{14}\right)$$

$$6. \left(-\frac{2}{6}\right) \div \left(-\frac{6}{9}\right) = \left(-\frac{2}{6}\right) \times \left(-\frac{9}{6}\right) = \frac{18}{36} = \frac{1}{2}$$

$$7. \frac{2}{5} \div \left(-\frac{3}{7}\right) = \frac{2}{5} \times \left(-\frac{7}{3}\right) = \left(-\frac{14}{15}\right)$$

$$8. \left(-\frac{1}{4}\right) \div \left(-\frac{5}{12}\right) = \left(-\frac{1}{4}\right) \times \left(-\frac{12}{5}\right) = \frac{12}{20} = \frac{3}{5}$$

$$9. \frac{1}{4} \div \left(-\frac{1}{3}\right) = \frac{1}{4} \times \left(-\frac{3}{1}\right) = \left(-\frac{3}{4}\right)$$

$$10. \left(-\frac{4}{8}\right) \div \frac{5}{8} = \left(-\frac{4}{8}\right) \times \frac{8}{5} = \left(-\frac{32}{40}\right) = \left(-\frac{4}{5}\right)$$