

## Dividing Negative Proper Fractions (F)

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

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

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

Calculate each quotient.

1.  $\left(-\frac{4}{5}\right) \div \left(-\frac{5}{6}\right) =$

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

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

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

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

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

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

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

9.  $\left(-\frac{1}{6}\right) \div \frac{2}{4} =$

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

## Dividing Negative Proper Fractions (F) Answers

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

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

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

Calculate each quotient.

$$1. \left(-\frac{4}{5}\right) \div \left(-\frac{5}{6}\right) = \left(-\frac{4}{5}\right) \times \left(-\frac{6}{5}\right) = \frac{24}{25}$$

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

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

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

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

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

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

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

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

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