

Dividing Negative Proper Fractions (D)

Name: _____

Date: _____

Score: _____

Calculate each quotient.

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

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

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

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

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

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

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

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

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

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

Dividing Negative Proper Fractions (D) Answers

Name: _____

Date: _____

Score: _____

Calculate each quotient.

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

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

$$3. \left(-\frac{1}{6}\right) \div \left(-\frac{4}{6}\right) = \left(-\frac{1}{6}\right) \times \left(-\frac{6}{4}\right) = \frac{6}{24} = \frac{1}{4}$$

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

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

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

$$7. \frac{1}{6} \div \left(-\frac{2}{5}\right) = \frac{1}{6} \times \left(-\frac{5}{2}\right) = \left(-\frac{5}{12}\right)$$

$$8. \left(-\frac{1}{3}\right) \div \frac{2}{3} = \left(-\frac{1}{3}\right) \times \frac{3}{2} = \left(-\frac{3}{6}\right) = \left(-\frac{1}{2}\right)$$

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

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