

Dividing Negative Proper Fractions (I)

Name: _____

Date: _____

Score: _____

Calculate each quotient.

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

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

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

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

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

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

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

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

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

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

Dividing Negative Proper Fractions (I) Answers

Name: _____

Date: _____

Score: _____

Calculate each quotient.

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

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

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

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

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

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

$$7. \quad \frac{2}{6} \div \left(-\frac{1}{2}\right) = \frac{2}{6} \times \left(-\frac{2}{1}\right) = \left(-\frac{4}{6}\right) = \left(-\frac{2}{3}\right)$$

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

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

$$10. \quad \left(-\frac{1}{6}\right) \div \left(-\frac{1}{2}\right) = \left(-\frac{1}{6}\right) \times \left(-\frac{2}{1}\right) = \frac{2}{6} = \frac{1}{3}$$