

Dividing Negative Proper Fractions (I)

Name: _____

Date: _____

Score: _____

Calculate each quotient.

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

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

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

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

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

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

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

8. $\frac{5}{6} \div \left(-\frac{5}{6}\right) = \text{---} \times \text{---} = \text{---} = \text{---}$

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

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

Dividing Negative Proper Fractions (I) Answers

Name: _____

Date: _____

Score: _____

Calculate each quotient.

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

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

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

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

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

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

$$7. \left(-\frac{2}{5}\right) \div \left(-\frac{5}{6}\right) = \left(-\frac{2}{5}\right) \times \left(-\frac{6}{5}\right) = \frac{12}{25}$$

$$8. \frac{5}{6} \div \left(-\frac{5}{6}\right) = \frac{5}{6} \times \left(-\frac{6}{5}\right) = \left(-\frac{30}{30}\right) = \left(-\frac{1}{1}\right) = -1$$

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

$$10. \left(-\frac{2}{3}\right) \div \frac{1}{2} = \left(-\frac{2}{3}\right) \times \frac{2}{1} = \left(-\frac{4}{3}\right) = \left(-1\frac{1}{3}\right)$$