

Dividing Negative Proper Fractions (D)

Name: _____

Date: _____

Score: _____

Calculate each quotient.

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

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

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

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

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

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

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

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

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

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

Dividing Negative Proper Fractions (D) Answers

Name: _____

Date: _____

Score: _____

Calculate each quotient.

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

$$2. \quad \frac{1}{4} \div \left(-\frac{4}{5}\right) = \frac{1}{4} \times \left(-\frac{5}{4}\right) = \left(-\frac{5}{16}\right)$$

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

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

$$5. \quad \frac{1}{2} \div \left(-\frac{2}{3}\right) = \frac{1}{2} \times \left(-\frac{3}{2}\right) = \left(-\frac{3}{4}\right)$$

$$6. \quad \left(-\frac{2}{3}\right) \div \left(-\frac{4}{5}\right) = \left(-\frac{2}{3}\right) \times \left(-\frac{5}{4}\right) = \frac{10}{12} = \frac{5}{6}$$

$$7. \quad \frac{3}{5} \div \left(-\frac{1}{4}\right) = \frac{3}{5} \times \left(-\frac{4}{1}\right) = \left(-\frac{12}{5}\right) = \left(-2\frac{2}{5}\right)$$

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

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

$$10. \quad \left(-\frac{1}{4}\right) \div \left(-\frac{1}{6}\right) = \left(-\frac{1}{4}\right) \times \left(-\frac{6}{1}\right) = \frac{6}{4} = \frac{3}{2} = 1\frac{1}{2}$$