

Dividing Negative Proper Fractions (A)

Name: _____

Date: _____

Score: _____

Calculate each quotient.

$$1. \quad \left(-\frac{9}{11}\right) \div \frac{3}{4} = \text{---} \times \text{---} = \text{---} = \text{---} = \text{---}$$

Inversion Solve Simplify Convert ↓

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

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

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

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

$$6. \quad \left(-\frac{1}{9}\right) \div \left(-\frac{4}{7}\right) = \text{---} \times \text{---} = \text{---}$$

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

$$8. \quad \frac{5}{6} \div \left(-\frac{4}{9}\right) = \text{---} \times \text{---} = \text{---} = \text{---} = \text{---}$$

$$9. \quad \left(-\frac{8}{9}\right) \div \frac{1}{2} = \text{---} \times \text{---} = \text{---} = \text{---}$$

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

Dividing Negative Proper Fractions (A) Answers

Name: _____

Date: _____

Score: _____

Calculate each quotient.

$$1. \quad \left(-\frac{9}{11}\right) \div \frac{3}{4} = \left(-\frac{9}{11}\right) \times \frac{4}{3} = \left(-\frac{36}{33}\right) = \left(-\frac{12}{11}\right) = \left(-1\frac{1}{11}\right)$$

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

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

$$4. \quad \left(-\frac{6}{7}\right) \div \left(-\frac{3}{4}\right) = \left(-\frac{6}{7}\right) \times \left(-\frac{4}{3}\right) = \frac{24}{21} = \frac{8}{7} = 1\frac{1}{7}$$

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

$$6. \quad \left(-\frac{1}{9}\right) \div \left(-\frac{4}{7}\right) = \left(-\frac{1}{9}\right) \times \left(-\frac{7}{4}\right) = \frac{7}{36}$$

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

$$8. \quad \frac{5}{6} \div \left(-\frac{4}{9}\right) = \frac{5}{6} \times \left(-\frac{9}{4}\right) = \left(-\frac{45}{24}\right) = \left(-\frac{15}{8}\right) = \left(-1\frac{7}{8}\right)$$

$$9. \quad \left(-\frac{8}{9}\right) \div \frac{1}{2} = \left(-\frac{8}{9}\right) \times \frac{2}{1} = \left(-\frac{16}{9}\right) = \left(-1\frac{7}{9}\right)$$

$$10. \quad \left(-\frac{9}{10}\right) \div \left(-\frac{2}{3}\right) = \left(-\frac{9}{10}\right) \times \left(-\frac{3}{2}\right) = \frac{27}{20} = 1\frac{7}{20}$$