

Dividing Negative Proper Fractions (I)

Name: _____

Date: _____

Score: _____

Calculate each quotient.

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

2. $\frac{7}{9} \div \left(-\frac{2}{5}\right) = \text{---} \times \text{---} = \text{---} = \text{---}$

3. $\frac{9}{11} \div \left(-\frac{8}{9}\right) = \text{---} \times \text{---} = \text{---}$

4. $\left(-\frac{5}{12}\right) \div \left(-\frac{7}{12}\right) = \text{---} \times \text{---} = \text{---} = \text{---}$

5. $\frac{7}{11} \div \left(-\frac{9}{10}\right) = \text{---} \times \text{---} = \text{---}$

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

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

8. $\left(-\frac{1}{8}\right) \div \frac{6}{11} = \text{---} \times \text{---} = \text{---}$

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

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

Dividing Negative Proper Fractions (I) Answers

Name: _____

Date: _____

Score: _____

Calculate each quotient.

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

$$2. \quad \frac{7}{9} \div \left(-\frac{2}{5}\right) = \frac{7}{9} \times \left(-\frac{5}{2}\right) = \left(-\frac{35}{18}\right) = \left(-1\frac{17}{18}\right)$$

$$3. \quad \frac{9}{11} \div \left(-\frac{8}{9}\right) = \frac{9}{11} \times \left(-\frac{9}{8}\right) = \left(-\frac{81}{88}\right)$$

$$4. \quad \left(-\frac{5}{12}\right) \div \left(-\frac{7}{12}\right) = \left(-\frac{5}{12}\right) \times \left(-\frac{12}{7}\right) = \frac{60}{84} = \frac{5}{7}$$

$$5. \quad \frac{7}{11} \div \left(-\frac{9}{10}\right) = \frac{7}{11} \times \left(-\frac{10}{9}\right) = \left(-\frac{70}{99}\right)$$

$$6. \quad \left(-\frac{2}{3}\right) \div \frac{3}{4} = \left(-\frac{2}{3}\right) \times \frac{4}{3} = \left(-\frac{8}{9}\right)$$

$$7. \quad \left(-\frac{2}{3}\right) \div \frac{4}{7} = \left(-\frac{2}{3}\right) \times \frac{7}{4} = \left(-\frac{14}{12}\right) = \left(-\frac{7}{6}\right) = \left(-1\frac{1}{6}\right)$$

$$8. \quad \left(-\frac{1}{8}\right) \div \frac{6}{11} = \left(-\frac{1}{8}\right) \times \frac{11}{6} = \left(-\frac{11}{48}\right)$$

$$9. \quad \frac{1}{7} \div \left(-\frac{4}{5}\right) = \frac{1}{7} \times \left(-\frac{5}{4}\right) = \left(-\frac{5}{28}\right)$$

$$10. \quad \frac{3}{8} \div \left(-\frac{1}{2}\right) = \frac{3}{8} \times \left(-\frac{2}{1}\right) = \left(-\frac{6}{8}\right) = \left(-\frac{3}{4}\right)$$