

Dividing Negative Proper Fractions (H)

Name: _____

Date: _____

Score: _____

Calculate each quotient.

1. $\left(-\frac{5}{10}\right) \div \left(-\frac{4}{7}\right) =$

2. $\frac{1}{9} \div \left(-\frac{6}{10}\right) =$

3. $\frac{6}{11} \div \left(-\frac{4}{6}\right) =$

4. $\left(-\frac{2}{5}\right) \div \left(-\frac{4}{8}\right) =$

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

6. $\left(-\frac{1}{3}\right) \div \left(-\frac{7}{11}\right) =$

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

8. $\left(-\frac{3}{9}\right) \div \frac{5}{7} =$

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

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

Dividing Negative Proper Fractions (H) Answers

Name: _____

Date: _____

Score: _____

Calculate each quotient.

$$1. \left(-\frac{5}{10}\right) \div \left(-\frac{4}{7}\right) = \left(-\frac{5}{10}\right) \times \left(-\frac{7}{4}\right) = \frac{35}{40} = \frac{7}{8}$$

$$2. \frac{1}{9} \div \left(-\frac{6}{10}\right) = \frac{1}{9} \times \left(-\frac{10}{6}\right) = \left(-\frac{10}{54}\right) = \left(-\frac{5}{27}\right)$$

$$3. \frac{6}{11} \div \left(-\frac{4}{6}\right) = \frac{6}{11} \times \left(-\frac{6}{4}\right) = \left(-\frac{36}{44}\right) = \left(-\frac{9}{11}\right)$$

$$4. \left(-\frac{2}{5}\right) \div \left(-\frac{4}{8}\right) = \left(-\frac{2}{5}\right) \times \left(-\frac{8}{4}\right) = \frac{16}{20} = \frac{4}{5}$$

$$5. \left(-\frac{3}{6}\right) \div \left(-\frac{3}{5}\right) = \left(-\frac{3}{6}\right) \times \left(-\frac{5}{3}\right) = \frac{15}{18} = \frac{5}{6}$$

$$6. \left(-\frac{1}{3}\right) \div \left(-\frac{7}{11}\right) = \left(-\frac{1}{3}\right) \times \left(-\frac{11}{7}\right) = \frac{11}{21}$$

$$7. \left(-\frac{1}{9}\right) \div \left(-\frac{8}{9}\right) = \left(-\frac{1}{9}\right) \times \left(-\frac{9}{8}\right) = \frac{9}{72} = \frac{1}{8}$$

$$8. \left(-\frac{3}{9}\right) \div \frac{5}{7} = \left(-\frac{3}{9}\right) \times \frac{7}{5} = \left(-\frac{21}{45}\right) = \left(-\frac{7}{15}\right)$$

$$9. \left(-\frac{2}{5}\right) \div \left(-\frac{2}{3}\right) = \left(-\frac{2}{5}\right) \times \left(-\frac{3}{2}\right) = \frac{6}{10} = \frac{3}{5}$$

$$10. \left(-\frac{1}{2}\right) \div \left(-\frac{8}{10}\right) = \left(-\frac{1}{2}\right) \times \left(-\frac{10}{8}\right) = \frac{10}{16} = \frac{5}{8}$$