Diviser des fractions propres négatives (A)

Nom: _____ Date: _____ Note: _____

Calculez chaque quotient.

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

2. $\left(-\frac{1}{2}\right) \div \left(-\frac{9}{12}\right) =$

3. $\left(-\frac{6}{10}\right) \div \left(-\frac{6}{7}\right) =$

4. $\frac{9}{11} \div \left(-\frac{11}{12}\right) =$

5. $\frac{4}{9} \div \left(-\frac{1}{2}\right) =$

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

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

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

9. $\left(-\frac{3}{6}\right) \div \frac{10}{12} =$

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

Diviser des fractions propres négatives (A) Réponses

Nom: _____ Date: _____ Note: _____

Calculez chaque quotient.

1. $\left(-\frac{7}{12}\right) \div \frac{2}{3} = \left(-\frac{7}{12}\right) \times \frac{3}{2} = \left(-\frac{21}{24}\right) = \left(-\frac{7}{8}\right)$

2. $\left(-\frac{1}{2}\right) \div \left(-\frac{9}{12}\right) = \left(-\frac{1}{2}\right) \times \left(-\frac{12}{9}\right) = \frac{12}{18} = \frac{2}{3}$

3. $\left(-\frac{6}{10}\right) \div \left(-\frac{6}{7}\right) = \left(-\frac{6}{10}\right) \times \left(-\frac{7}{6}\right) = \frac{42}{60} = \frac{7}{10}$

4. $\frac{9}{11} \div \left(-\frac{11}{12}\right) = \frac{9}{11} \times \left(-\frac{12}{11}\right) = \left(-\frac{108}{121}\right)$

5. $\frac{4}{9} \div \left(-\frac{1}{2}\right) = \frac{4}{9} \times \left(-\frac{2}{1}\right) = \left(-\frac{8}{9}\right)$

6. $\left(-\frac{2}{6}\right) \div \left(-\frac{6}{9}\right) = \left(-\frac{2}{6}\right) \times \left(-\frac{9}{6}\right) = \frac{18}{36} = \frac{1}{2}$

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

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

9. $\left(-\frac{3}{6}\right) \div \frac{10}{12} = \left(-\frac{3}{6}\right) \times \frac{12}{10} = \left(-\frac{36}{60}\right) = \left(-\frac{3}{5}\right)$

10. $\left(-\frac{4}{8}\right) \div \left(-\frac{2}{3}\right) = \left(-\frac{4}{8}\right) \times \left(-\frac{3}{2}\right) = \frac{12}{16} = \frac{3}{4}$