

Diviser des fractions propres négatives (C)

Nom: _____

Date: _____

Note: _____

Calculez chaque quotient.

1. $\left(-\frac{5}{11}\right) \div \frac{10}{12} =$

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

3. $\frac{1}{8} \div \left(-\frac{5}{6}\right) =$

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

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

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

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

8. $\left(-\frac{1}{8}\right) \div \left(-\frac{4}{7}\right) =$

9. $\frac{2}{12} \div \left(-\frac{2}{5}\right) =$

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

Diviser des fractions propres négatives (C) Réponses

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Date: _____

Note: _____

Calculez chaque quotient.

$$1. \left(-\frac{5}{11}\right) \div \frac{10}{12} = \left(-\frac{5}{11}\right) \times \frac{12}{10} = \left(-\frac{60}{110}\right) = \left(-\frac{6}{11}\right)$$

$$2. \left(-\frac{1}{5}\right) \div \left(-\frac{4}{7}\right) = \left(-\frac{1}{5}\right) \times \left(-\frac{7}{4}\right) = \frac{7}{20}$$

$$3. \frac{1}{8} \div \left(-\frac{5}{6}\right) = \frac{1}{8} \times \left(-\frac{6}{5}\right) = \left(-\frac{6}{40}\right) = \left(-\frac{3}{20}\right)$$

$$4. \left(-\frac{2}{10}\right) \div \frac{6}{12} = \left(-\frac{2}{10}\right) \times \frac{12}{6} = \left(-\frac{24}{60}\right) = \left(-\frac{2}{5}\right)$$

$$5. \frac{2}{9} \div \left(-\frac{9}{12}\right) = \frac{2}{9} \times \left(-\frac{12}{9}\right) = \left(-\frac{24}{81}\right) = \left(-\frac{8}{27}\right)$$

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

$$7. \left(-\frac{1}{9}\right) \div \frac{9}{10} = \left(-\frac{1}{9}\right) \times \frac{10}{9} = \left(-\frac{10}{81}\right)$$

$$8. \left(-\frac{1}{8}\right) \div \left(-\frac{4}{7}\right) = \left(-\frac{1}{8}\right) \times \left(-\frac{7}{4}\right) = \frac{7}{32}$$

$$9. \frac{2}{12} \div \left(-\frac{2}{5}\right) = \frac{2}{12} \times \left(-\frac{5}{2}\right) = \left(-\frac{10}{24}\right) = \left(-\frac{5}{12}\right)$$

$$10. \left(-\frac{4}{10}\right) \div \frac{1}{2} = \left(-\frac{4}{10}\right) \times \frac{2}{1} = \left(-\frac{8}{10}\right) = \left(-\frac{4}{5}\right)$$