

Diviser des fractions mixtes négatives (E)

Nom: _____

Date: _____

Note: _____

Calculez chaque quotient.

$$1. \quad 3\frac{8}{11} \div \left(-2\frac{1}{4}\right) = \text{---} \div \text{---} = \text{---} \times \text{---} = \text{---} = \text{---}$$

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

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

$$4. \quad 1\frac{3}{10} \div \left(-4\frac{8}{9}\right) = \text{---} \div \text{---} = \text{---} \times \text{---} = \text{---}$$

$$5. \quad \left(-2\frac{1}{4}\right) \div \frac{7}{9} = \text{---} \div \text{---} = \text{---} \times \text{---} = \text{---} = \text{---}$$

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

$$7. \quad \left(-2\frac{1}{5}\right) \div \left(-4\frac{1}{6}\right) = \text{---} \div \text{---} = \text{---} \times \text{---} = \text{---}$$

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

$$9. \quad 2\frac{2}{5} \div \left(-4\frac{3}{4}\right) = \text{---} \div \text{---} = \text{---} \times \text{---} = \text{---}$$

$$10. \quad \left(-2\frac{8}{9}\right) \div 1\frac{1}{2} = \text{---} \div \text{---} = \text{---} \times \text{---} = \text{---} = \text{---}$$

Diviser des fractions mixtes négatives (E) Réponses

Nom: _____

Date: _____

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Calculez chaque quotient.

$$1. \quad 3\frac{8}{11} \div \left(-2\frac{1}{4}\right) = \frac{41}{11} \div \left(-\frac{9}{4}\right) = \frac{41}{11} \times \left(-\frac{4}{9}\right) = \left(-\frac{164}{99}\right) = \left(-2\frac{65}{99}\right)$$

$$2. \quad 3\frac{1}{4} \div \left(-2\frac{6}{7}\right) = \frac{13}{4} \div \left(-\frac{20}{7}\right) = \frac{13}{4} \times \left(-\frac{7}{20}\right) = \left(-\frac{91}{80}\right) = \left(-2\frac{11}{80}\right)$$

$$3. \quad \left(-2\frac{1}{12}\right) \div 2\frac{2}{5} = \left(-\frac{25}{12}\right) \div \frac{12}{5} = \left(-\frac{25}{12}\right) \times \frac{5}{12} = \left(-\frac{125}{144}\right)$$

$$4. \quad 1\frac{3}{10} \div \left(-4\frac{8}{9}\right) = \frac{13}{10} \div \left(-\frac{44}{9}\right) = \frac{13}{10} \times \left(-\frac{9}{44}\right) = \left(-\frac{117}{440}\right)$$

$$5. \quad \left(-2\frac{1}{4}\right) \div \frac{7}{9} = \left(-\frac{9}{4}\right) \div \frac{7}{9} = \left(-\frac{9}{4}\right) \times \frac{9}{7} = \left(-\frac{81}{28}\right) = \left(-3\frac{25}{28}\right)$$

$$6. \quad \left(-2\frac{2}{5}\right) \div \left(-2\frac{1}{3}\right) = \left(-\frac{12}{5}\right) \div \left(-\frac{7}{3}\right) = \left(-\frac{12}{5}\right) \times \left(-\frac{3}{7}\right) = \frac{36}{35} = 1\frac{1}{35}$$

$$7. \quad \left(-2\frac{1}{5}\right) \div \left(-4\frac{1}{6}\right) = \left(-\frac{11}{5}\right) \div \left(-\frac{25}{6}\right) = \left(-\frac{11}{5}\right) \times \left(-\frac{6}{25}\right) = \frac{66}{125}$$

$$8. \quad 3\frac{1}{4} \div \left(-3\frac{1}{7}\right) = \frac{13}{4} \div \left(-\frac{22}{7}\right) = \frac{13}{4} \times \left(-\frac{7}{22}\right) = \left(-\frac{91}{88}\right) = \left(-2\frac{3}{88}\right)$$

$$9. \quad 2\frac{2}{5} \div \left(-4\frac{3}{4}\right) = \frac{12}{5} \div \left(-\frac{19}{4}\right) = \frac{12}{5} \times \left(-\frac{4}{19}\right) = \left(-\frac{48}{95}\right)$$

$$10. \quad \left(-2\frac{8}{9}\right) \div 1\frac{1}{2} = \left(-\frac{26}{9}\right) \div \frac{3}{2} = \left(-\frac{26}{9}\right) \times \frac{2}{3} = \left(-\frac{52}{27}\right) = \left(-2\frac{25}{27}\right)$$