

## Diviser des fractions mixtes négatives (J)

Nom: \_\_\_\_\_

Date: \_\_\_\_\_

Note: \_\_\_\_\_

Calculez chaque quotient.

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

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

$$3. 3\frac{1}{9} \div \left(-2\frac{3}{4}\right) = \text{---} \div \text{---} = \text{---} \times \text{---} = \text{---} = \text{---}$$

$$4. \frac{3}{5} \div \left(-3\frac{1}{12}\right) = \text{---} \div \text{---} = \text{---} \times \text{---} = \text{---}$$

$$5. \frac{3}{11} \div \left(-3\frac{1}{3}\right) = \text{---} \div \text{---} = \text{---} \times \text{---} = \text{---}$$

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

$$7. \left(-2\frac{1}{7}\right) \div \left(-3\frac{7}{9}\right) = \text{---} \div \text{---} = \text{---} \times \text{---} = \text{---}$$

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

$$9. \left(-2\frac{3}{5}\right) \div \left(-3\frac{6}{7}\right) = \text{---} \div \text{---} = \text{---} \times \text{---} = \text{---}$$

$$10. 3\frac{3}{11} \div \left(-4\frac{3}{4}\right) = \text{---} \div \text{---} = \text{---} \times \text{---} = \text{---}$$

## Diviser des fractions mixtes négatives (J) Réponses

Nom: \_\_\_\_\_

Date: \_\_\_\_\_

Note: \_\_\_\_\_

Calculez chaque quotient.

$$1. \quad \left(-4\frac{1}{3}\right) \div \left(-3\frac{1}{2}\right) = \left(-\frac{13}{3}\right) \div \left(-\frac{7}{2}\right) = \left(-\frac{13}{3}\right) \times \left(-\frac{2}{7}\right) = \frac{26}{21} = 1\frac{5}{21}$$

$$2. \quad \left(-3\frac{1}{3}\right) \div 3\frac{1}{2} = \left(-\frac{10}{3}\right) \div \frac{7}{2} = \left(-\frac{10}{3}\right) \times \frac{2}{7} = \left(-\frac{20}{21}\right)$$

$$3. \quad 3\frac{1}{9} \div \left(-2\frac{3}{4}\right) = \frac{28}{9} \div \left(-\frac{11}{4}\right) = \frac{28}{9} \times \left(-\frac{4}{11}\right) = \left(-\frac{112}{99}\right) = \left(-2\frac{13}{99}\right)$$

$$4. \quad \frac{3}{5} \div \left(-3\frac{1}{12}\right) = \frac{3}{5} \div \left(-\frac{37}{12}\right) = \frac{3}{5} \times \left(-\frac{12}{37}\right) = \left(-\frac{36}{185}\right)$$

$$5. \quad \frac{3}{11} \div \left(-3\frac{1}{3}\right) = \frac{3}{11} \div \left(-\frac{10}{3}\right) = \frac{3}{11} \times \left(-\frac{3}{10}\right) = \left(-\frac{9}{110}\right)$$

$$6. \quad \left(-3\frac{5}{7}\right) \div \left(-1\frac{1}{2}\right) = \left(-\frac{26}{7}\right) \div \left(-\frac{3}{2}\right) = \left(-\frac{26}{7}\right) \times \left(-\frac{2}{3}\right) = \frac{52}{21} = 2\frac{10}{21}$$

$$7. \quad \left(-2\frac{1}{7}\right) \div \left(-3\frac{7}{9}\right) = \left(-\frac{15}{7}\right) \div \left(-\frac{34}{9}\right) = \left(-\frac{15}{7}\right) \times \left(-\frac{9}{34}\right) = \frac{135}{238}$$

$$8. \quad \left(-4\frac{1}{2}\right) \div 2\frac{4}{5} = \left(-\frac{9}{2}\right) \div \frac{14}{5} = \left(-\frac{9}{2}\right) \times \frac{5}{14} = \left(-\frac{45}{28}\right) = \left(-2\frac{17}{28}\right)$$

$$9. \quad \left(-2\frac{3}{5}\right) \div \left(-3\frac{6}{7}\right) = \left(-\frac{13}{5}\right) \div \left(-\frac{27}{7}\right) = \left(-\frac{13}{5}\right) \times \left(-\frac{7}{27}\right) = \frac{91}{135}$$

$$10. \quad 3\frac{3}{11} \div \left(-4\frac{3}{4}\right) = \frac{36}{11} \div \left(-\frac{19}{4}\right) = \frac{36}{11} \times \left(-\frac{4}{19}\right) = \left(-\frac{144}{209}\right)$$