

## Diviser des fractions mixtes négatives (C)

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

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

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

Calculez chaque quotient.

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

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

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

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

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

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

$$7. \quad \left(-1\frac{1}{6}\right) \div \left(-4\frac{3}{5}\right) = \text{---} \div \text{---} = \text{---} \times \text{---} = \text{---}$$

$$8. \quad \left(-3\frac{5}{6}\right) \div \left(-3\frac{2}{5}\right) = \text{---} \div \text{---} = \text{---} \times \text{---} = \text{---} = \text{---}$$

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

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

## Diviser des fractions mixtes négatives (C) Réponses

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

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

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

Calculez chaque quotient.

$$1. \quad \left(-4\frac{2}{3}\right) \div 2\frac{3}{4} = \left(-\frac{14}{3}\right) \div \frac{11}{4} = \left(-\frac{14}{3}\right) \times \frac{4}{11} = \left(-\frac{56}{33}\right) = \left(-2\frac{23}{33}\right)$$

$$2. \quad 2\frac{2}{5} \div \left(-4\frac{1}{6}\right) = \frac{12}{5} \div \left(-\frac{25}{6}\right) = \frac{12}{5} \times \left(-\frac{6}{25}\right) = \left(-\frac{72}{125}\right)$$

$$3. \quad \left(-2\frac{2}{3}\right) \div 3\frac{1}{2} = \left(-\frac{8}{3}\right) \div \frac{7}{2} = \left(-\frac{8}{3}\right) \times \frac{2}{7} = \left(-\frac{16}{21}\right)$$

$$4. \quad 2\frac{2}{3} \div \left(-2\frac{1}{2}\right) = \frac{8}{3} \div \left(-\frac{5}{2}\right) = \frac{8}{3} \times \left(-\frac{2}{5}\right) = \left(-\frac{16}{15}\right) = \left(-2\frac{1}{15}\right)$$

$$5. \quad \left(-3\frac{1}{2}\right) \div \left(-4\frac{4}{5}\right) = \left(-\frac{7}{2}\right) \div \left(-\frac{24}{5}\right) = \left(-\frac{7}{2}\right) \times \left(-\frac{5}{24}\right) = \frac{35}{48}$$

$$6. \quad \frac{1}{4} \div \left(-2\frac{1}{3}\right) = \frac{1}{4} \div \left(-\frac{7}{3}\right) = \frac{1}{4} \times \left(-\frac{3}{7}\right) = \left(-\frac{3}{28}\right)$$

$$7. \quad \left(-1\frac{1}{6}\right) \div \left(-4\frac{3}{5}\right) = \left(-\frac{7}{6}\right) \div \left(-\frac{23}{5}\right) = \left(-\frac{7}{6}\right) \times \left(-\frac{5}{23}\right) = \frac{35}{138}$$

$$8. \quad \left(-3\frac{5}{6}\right) \div \left(-3\frac{2}{5}\right) = \left(-\frac{23}{6}\right) \div \left(-\frac{17}{5}\right) = \left(-\frac{23}{6}\right) \times \left(-\frac{5}{17}\right) = \frac{115}{102} = 1\frac{13}{102}$$

$$9. \quad \left(-2\frac{1}{2}\right) \div \frac{2}{3} = \left(-\frac{5}{2}\right) \div \frac{2}{3} = \left(-\frac{5}{2}\right) \times \frac{3}{2} = \left(-\frac{15}{4}\right) = \left(-4\frac{3}{4}\right)$$

$$10. \quad \frac{2}{5} \div \left(-2\frac{5}{6}\right) = \frac{2}{5} \div \left(-\frac{17}{6}\right) = \frac{2}{5} \times \left(-\frac{6}{17}\right) = \left(-\frac{12}{85}\right)$$