

## Diviser des fractions mixtes négatives (C)

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

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

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

Calculez chaque quotient.

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

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

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

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

$$5. \quad 3\frac{4}{11} \div \left(-2\frac{1}{2}\right) = \text{---} \div \text{---} = \text{---} \times \text{---} = \text{---} = \text{---}$$

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

$$7. \quad \left(-2\frac{8}{9}\right) \div \left(-3\frac{7}{10}\right) = \text{---} \div \text{---} = \text{---} \times \text{---} = \text{---}$$

$$8. \quad \left(-3\frac{6}{11}\right) \div \left(-2\frac{1}{2}\right) = \text{---} \div \text{---} = \text{---} \times \text{---} = \text{---} = \text{---}$$

$$9. \quad \left(-4\frac{11}{12}\right) \div \left(-4\frac{5}{11}\right) = \text{---} \div \text{---} = \text{---} \times \text{---} = \text{---} = \text{---}$$

$$10. \quad 3\frac{2}{3} \div \left(-4\frac{1}{2}\right) = \text{---} \div \text{---} = \text{---} \times \text{---} = \text{---}$$

## Diviser des fractions mixtes négatives (C) Réponses

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

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

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

Calculez chaque quotient.

$$1. \quad \left(-4\frac{1}{2}\right) \div 1\frac{2}{3} = \left(-\frac{9}{2}\right) \div \frac{5}{3} = \left(-\frac{9}{2}\right) \times \frac{3}{5} = \left(-\frac{27}{10}\right) = \left(-3\frac{7}{10}\right)$$

$$2. \quad 2\frac{5}{7} \div \left(-3\frac{1}{2}\right) = \frac{19}{7} \div \left(-\frac{7}{2}\right) = \frac{19}{7} \times \left(-\frac{2}{7}\right) = \left(-\frac{38}{49}\right)$$

$$3. \quad \left(-4\frac{1}{3}\right) \div \left(-3\frac{3}{4}\right) = \left(-\frac{13}{3}\right) \div \left(-\frac{15}{4}\right) = \left(-\frac{13}{3}\right) \times \left(-\frac{4}{15}\right) = \frac{52}{45} = 1\frac{7}{45}$$

$$4. \quad 2\frac{2}{3} \div \left(-2\frac{3}{5}\right) = \frac{8}{3} \div \left(-\frac{13}{5}\right) = \frac{8}{3} \times \left(-\frac{5}{13}\right) = \left(-\frac{40}{39}\right) = \left(-2\frac{1}{39}\right)$$

$$5. \quad 3\frac{4}{11} \div \left(-2\frac{1}{2}\right) = \frac{37}{11} \div \left(-\frac{5}{2}\right) = \frac{37}{11} \times \left(-\frac{2}{5}\right) = \left(-\frac{74}{55}\right) = \left(-2\frac{19}{55}\right)$$

$$6. \quad \left(-2\frac{3}{5}\right) \div \frac{5}{6} = \left(-\frac{13}{5}\right) \div \frac{5}{6} = \left(-\frac{13}{5}\right) \times \frac{6}{5} = \left(-\frac{78}{25}\right) = \left(-4\frac{3}{25}\right)$$

$$7. \quad \left(-2\frac{8}{9}\right) \div \left(-3\frac{7}{10}\right) = \left(-\frac{26}{9}\right) \div \left(-\frac{37}{10}\right) = \left(-\frac{26}{9}\right) \times \left(-\frac{10}{37}\right) = \frac{260}{333}$$

$$8. \quad \left(-3\frac{6}{11}\right) \div \left(-2\frac{1}{2}\right) = \left(-\frac{39}{11}\right) \div \left(-\frac{5}{2}\right) = \left(-\frac{39}{11}\right) \times \left(-\frac{2}{5}\right) = \frac{78}{55} = 1\frac{23}{55}$$

$$9. \quad \left(-4\frac{11}{12}\right) \div \left(-4\frac{5}{11}\right) = \left(-\frac{59}{12}\right) \div \left(-\frac{49}{11}\right) = \left(-\frac{59}{12}\right) \times \left(-\frac{11}{49}\right) = \frac{649}{588} = 1\frac{61}{588}$$

$$10. \quad 3\frac{2}{3} \div \left(-4\frac{1}{2}\right) = \frac{11}{3} \div \left(-\frac{9}{2}\right) = \frac{11}{3} \times \left(-\frac{2}{9}\right) = \left(-\frac{22}{27}\right)$$