

## Diviser des fractions mixtes négatives (D)

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

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

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

Calculez chaque quotient.

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

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

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

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

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

$$6. \left(-4\frac{2}{7}\right) \div \left(-3\frac{2}{9}\right) = \text{---} \div \text{---} = \text{---} \times \text{---} = \text{---} = \text{---}$$

$$7. \left(-2\frac{11}{12}\right) \div \left(-1\frac{4}{5}\right) = \text{---} \div \text{---} = \text{---} \times \text{---} = \text{---} = \text{---}$$

$$8. \left(-1\frac{5}{8}\right) \div \left(-4\frac{5}{11}\right) = \text{---} \div \text{---} = \text{---} \times \text{---} = \text{---}$$

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

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

## Diviser des fractions mixtes négatives (D) Réponses

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

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

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

Calculez chaque quotient.

$$1. \quad \left(-3\frac{3}{4}\right) \div \left(-2\frac{1}{3}\right) = \left(-\frac{15}{4}\right) \div \left(-\frac{7}{3}\right) = \left(-\frac{15}{4}\right) \times \left(-\frac{3}{7}\right) = \frac{45}{28} = 1\frac{17}{28}$$

$$2. \quad \left(-1\frac{4}{5}\right) \div \left(-3\frac{2}{3}\right) = \left(-\frac{9}{5}\right) \div \left(-\frac{11}{3}\right) = \left(-\frac{9}{5}\right) \times \left(-\frac{3}{11}\right) = \frac{27}{55}$$

$$3. \quad \left(-4\frac{2}{3}\right) \div \left(-3\frac{1}{4}\right) = \left(-\frac{14}{3}\right) \div \left(-\frac{13}{4}\right) = \left(-\frac{14}{3}\right) \times \left(-\frac{4}{13}\right) = \frac{56}{39} = 1\frac{17}{39}$$

$$4. \quad 3\frac{2}{3} \div \left(-2\frac{1}{4}\right) = \frac{11}{3} \div \left(-\frac{9}{4}\right) = \frac{11}{3} \times \left(-\frac{4}{9}\right) = \left(-\frac{44}{27}\right) = \left(-2\frac{17}{27}\right)$$

$$5. \quad \left(-3\frac{1}{2}\right) \div 2\frac{7}{9} = \left(-\frac{7}{2}\right) \div \frac{25}{9} = \left(-\frac{7}{2}\right) \times \frac{9}{25} = \left(-\frac{63}{50}\right) = \left(-2\frac{13}{50}\right)$$

$$6. \quad \left(-4\frac{2}{7}\right) \div \left(-3\frac{2}{9}\right) = \left(-\frac{30}{7}\right) \div \left(-\frac{29}{9}\right) = \left(-\frac{30}{7}\right) \times \left(-\frac{9}{29}\right) = \frac{270}{203} = 1\frac{67}{203}$$

$$7. \quad \left(-2\frac{11}{12}\right) \div \left(-1\frac{4}{5}\right) = \left(-\frac{35}{12}\right) \div \left(-\frac{9}{5}\right) = \left(-\frac{35}{12}\right) \times \left(-\frac{5}{9}\right) = \frac{175}{108} = 1\frac{67}{108}$$

$$8. \quad \left(-1\frac{5}{8}\right) \div \left(-4\frac{5}{11}\right) = \left(-\frac{13}{8}\right) \div \left(-\frac{49}{11}\right) = \left(-\frac{13}{8}\right) \times \left(-\frac{11}{49}\right) = \frac{143}{392}$$

$$9. \quad 1\frac{2}{3} \div \left(-2\frac{1}{4}\right) = \frac{5}{3} \div \left(-\frac{9}{4}\right) = \frac{5}{3} \times \left(-\frac{4}{9}\right) = \left(-\frac{20}{27}\right)$$

$$10. \quad \left(-3\frac{3}{4}\right) \div \left(-3\frac{4}{9}\right) = \left(-\frac{15}{4}\right) \div \left(-\frac{31}{9}\right) = \left(-\frac{15}{4}\right) \times \left(-\frac{9}{31}\right) = \frac{135}{124} = 1\frac{11}{124}$$