

## Diviser des fractions mixtes négatives (F)

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

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

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

Calculez chaque quotient.

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

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

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

$$4. \quad \frac{7}{11} \div \left(-3\frac{2}{7}\right) = \text{---} \div \text{---} = \text{---} \times \text{---} = \text{---}$$

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

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

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

$$8. \quad \left(-1\frac{5}{9}\right) \div \left(-2\frac{1}{5}\right) = \text{---} \div \text{---} = \text{---} \times \text{---} = \text{---}$$

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

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

## Diviser des fractions mixtes négatives (F) Réponses

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

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

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

Calculez chaque quotient.

$$1. \quad \left(-2\frac{1}{3}\right) \div \left(-1\frac{1}{2}\right) = \left(-\frac{7}{3}\right) \div \left(-\frac{3}{2}\right) = \left(-\frac{7}{3}\right) \times \left(-\frac{2}{3}\right) = \frac{14}{9} = 1\frac{5}{9}$$

$$2. \quad 3\frac{4}{5} \div \left(-4\frac{1}{4}\right) = \frac{19}{5} \div \left(-\frac{17}{4}\right) = \frac{19}{5} \times \left(-\frac{4}{17}\right) = \left(-\frac{76}{85}\right)$$

$$3. \quad \frac{7}{8} \div \left(-3\frac{2}{3}\right) = \frac{7}{8} \div \left(-\frac{11}{3}\right) = \frac{7}{8} \times \left(-\frac{3}{11}\right) = \left(-\frac{21}{88}\right)$$

$$4. \quad \frac{7}{11} \div \left(-3\frac{2}{7}\right) = \frac{7}{11} \div \left(-\frac{23}{7}\right) = \frac{7}{11} \times \left(-\frac{7}{23}\right) = \left(-\frac{49}{253}\right)$$

$$5. \quad \left(-3\frac{1}{11}\right) \div \left(-2\frac{1}{2}\right) = \left(-\frac{34}{11}\right) \div \left(-\frac{5}{2}\right) = \left(-\frac{34}{11}\right) \times \left(-\frac{2}{5}\right) = \frac{68}{55} = 1\frac{13}{55}$$

$$6. \quad \left(-3\frac{1}{5}\right) \div \left(-2\frac{5}{6}\right) = \left(-\frac{16}{5}\right) \div \left(-\frac{17}{6}\right) = \left(-\frac{16}{5}\right) \times \left(-\frac{6}{17}\right) = \frac{96}{85} = 1\frac{11}{85}$$

$$7. \quad \left(-3\frac{1}{2}\right) \div \left(-2\frac{2}{7}\right) = \left(-\frac{7}{2}\right) \div \left(-\frac{16}{7}\right) = \left(-\frac{7}{2}\right) \times \left(-\frac{7}{16}\right) = \frac{49}{32} = 1\frac{17}{32}$$

$$8. \quad \left(-1\frac{5}{9}\right) \div \left(-2\frac{1}{5}\right) = \left(-\frac{14}{9}\right) \div \left(-\frac{11}{5}\right) = \left(-\frac{14}{9}\right) \times \left(-\frac{5}{11}\right) = \frac{70}{99}$$

$$9. \quad \left(-2\frac{1}{5}\right) \div \left(-2\frac{1}{9}\right) = \left(-\frac{11}{5}\right) \div \left(-\frac{19}{9}\right) = \left(-\frac{11}{5}\right) \times \left(-\frac{9}{19}\right) = \frac{99}{95} = 1\frac{4}{95}$$

$$10. \quad \left(-2\frac{7}{8}\right) \div \left(-2\frac{2}{3}\right) = \left(-\frac{23}{8}\right) \div \left(-\frac{8}{3}\right) = \left(-\frac{23}{8}\right) \times \left(-\frac{3}{8}\right) = \frac{69}{64} = 1\frac{5}{64}$$