

Diviser des fractions mixtes négatives (D)

Nom: _____

Date: _____

Note: _____

Calculez chaque quotient.

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

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

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

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

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

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

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

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

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

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

Diviser des fractions mixtes négatives (D) Réponses

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Calculez chaque quotient.

$$1. \quad \left(-3\frac{5}{6}\right) \div \left(-2\frac{2}{5}\right) = \left(-\frac{23}{6}\right) \div \left(-\frac{12}{5}\right) = \left(-\frac{23}{6}\right) \times \left(-\frac{5}{12}\right) = \frac{115}{72} = 1\frac{43}{72}$$

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

$$3. \quad \frac{1}{3} \div \left(-4\frac{4}{5}\right) = \frac{1}{3} \div \left(-\frac{24}{5}\right) = \frac{1}{3} \times \left(-\frac{5}{24}\right) = \left(-\frac{5}{72}\right)$$

$$4. \quad \left(-4\frac{1}{2}\right) \div 2\frac{2}{3} = \left(-\frac{9}{2}\right) \div \frac{8}{3} = \left(-\frac{9}{2}\right) \times \frac{3}{8} = \left(-\frac{27}{16}\right) = \left(-2\frac{11}{16}\right)$$

$$5. \quad \left(-4\frac{2}{3}\right) \div \left(-1\frac{1}{2}\right) = \left(-\frac{14}{3}\right) \div \left(-\frac{3}{2}\right) = \left(-\frac{14}{3}\right) \times \left(-\frac{2}{3}\right) = \frac{28}{9} = 3\frac{1}{9}$$

$$6. \quad \left(-4\frac{3}{4}\right) \div \left(-4\frac{4}{5}\right) = \left(-\frac{19}{4}\right) \div \left(-\frac{24}{5}\right) = \left(-\frac{19}{4}\right) \times \left(-\frac{5}{24}\right) = \frac{95}{96}$$

$$7. \quad \left(-4\frac{3}{5}\right) \div 1\frac{2}{3} = \left(-\frac{23}{5}\right) \div \frac{5}{3} = \left(-\frac{23}{5}\right) \times \frac{3}{5} = \left(-\frac{69}{25}\right) = \left(-3\frac{19}{25}\right)$$

$$8. \quad \left(-2\frac{4}{5}\right) \div 1\frac{1}{2} = \left(-\frac{14}{5}\right) \div \frac{3}{2} = \left(-\frac{14}{5}\right) \times \frac{2}{3} = \left(-\frac{28}{15}\right) = \left(-2\frac{13}{15}\right)$$

$$9. \quad \left(-2\frac{2}{3}\right) \div \left(-1\frac{4}{5}\right) = \left(-\frac{8}{3}\right) \div \left(-\frac{9}{5}\right) = \left(-\frac{8}{3}\right) \times \left(-\frac{5}{9}\right) = \frac{40}{27} = 1\frac{13}{27}$$

$$10. \quad \left(-4\frac{1}{2}\right) \div \left(-3\frac{4}{5}\right) = \left(-\frac{9}{2}\right) \div \left(-\frac{19}{5}\right) = \left(-\frac{9}{2}\right) \times \left(-\frac{5}{19}\right) = \frac{45}{38} = 1\frac{7}{38}$$