

Diviser des fractions mixtes négatives (H)

Nom: _____

Date: _____

Note: _____

Calculez chaque quotient.

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

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

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

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

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

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

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

$$8. 2\frac{1}{2} \div \left(-3\frac{2}{5}\right) = \text{---} \div \text{---} = \text{---} \times \text{---} = \text{---}$$

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

$$10. \left(-2\frac{2}{5}\right) \div 1\frac{1}{6} = \text{---} \div \text{---} = \text{---} \times \text{---} = \text{---} = \text{---}$$

Diviser des fractions mixtes négatives (H) Réponses

Nom: _____

Date: _____

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Calculez chaque quotient.

$$1. \quad \left(-3\frac{4}{5}\right) \div \left(-1\frac{1}{2}\right) = \left(-\frac{19}{5}\right) \div \left(-\frac{3}{2}\right) = \left(-\frac{19}{5}\right) \times \left(-\frac{2}{3}\right) = \frac{38}{15} = 2\frac{8}{15}$$

$$2. \quad \left(-1\frac{2}{5}\right) \div \left(-2\frac{1}{2}\right) = \left(-\frac{7}{5}\right) \div \left(-\frac{5}{2}\right) = \left(-\frac{7}{5}\right) \times \left(-\frac{2}{5}\right) = \frac{14}{25}$$

$$3. \quad \left(-4\frac{1}{6}\right) \div 3\frac{4}{5} = \left(-\frac{25}{6}\right) \div \frac{19}{5} = \left(-\frac{25}{6}\right) \times \frac{5}{19} = \left(-\frac{125}{114}\right) = \left(-2\frac{11}{114}\right)$$

$$4. \quad \left(-3\frac{2}{3}\right) \div \left(-4\frac{1}{5}\right) = \left(-\frac{11}{3}\right) \div \left(-\frac{21}{5}\right) = \left(-\frac{11}{3}\right) \times \left(-\frac{5}{21}\right) = \frac{55}{63}$$

$$5. \quad \frac{4}{5} \div \left(-3\frac{2}{3}\right) = \frac{4}{5} \div \left(-\frac{11}{3}\right) = \frac{4}{5} \times \left(-\frac{3}{11}\right) = \left(-\frac{12}{55}\right)$$

$$6. \quad \left(-3\frac{1}{3}\right) \div 1\frac{1}{2} = \left(-\frac{10}{3}\right) \div \frac{3}{2} = \left(-\frac{10}{3}\right) \times \frac{2}{3} = \left(-\frac{20}{9}\right) = \left(-3\frac{2}{9}\right)$$

$$7. \quad 3\frac{1}{2} \div \left(-3\frac{1}{3}\right) = \frac{7}{2} \div \left(-\frac{10}{3}\right) = \frac{7}{2} \times \left(-\frac{3}{10}\right) = \left(-\frac{21}{20}\right) = \left(-2\frac{1}{20}\right)$$

$$8. \quad 2\frac{1}{2} \div \left(-3\frac{2}{5}\right) = \frac{5}{2} \div \left(-\frac{17}{5}\right) = \frac{5}{2} \times \left(-\frac{5}{17}\right) = \left(-\frac{25}{34}\right)$$

$$9. \quad \left(-2\frac{1}{2}\right) \div 2\frac{1}{3} = \left(-\frac{5}{2}\right) \div \frac{7}{3} = \left(-\frac{5}{2}\right) \times \frac{3}{7} = \left(-\frac{15}{14}\right) = \left(-2\frac{1}{14}\right)$$

$$10. \quad \left(-2\frac{2}{5}\right) \div 1\frac{1}{6} = \left(-\frac{12}{5}\right) \div \frac{7}{6} = \left(-\frac{12}{5}\right) \times \frac{6}{7} = \left(-\frac{72}{35}\right) = \left(-3\frac{2}{35}\right)$$