

Diviser des fractions mixtes négatives (I)

Nom: _____

Date: _____

Note: _____

Calculez chaque quotient.

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

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

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

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

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

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

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

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

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

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

Diviser des fractions mixtes négatives (I) Réponses

Nom: _____

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Calculez chaque quotient.

$$1. \quad \left(-3\frac{1}{4}\right) \div 1\frac{3}{5} = \left(-\frac{13}{4}\right) \div \frac{8}{5} = \left(-\frac{13}{4}\right) \times \frac{5}{8} = \left(-\frac{65}{32}\right) = \left(-3\frac{1}{32}\right)$$

$$2. \quad 1\frac{1}{2} \div \left(-4\frac{3}{5}\right) = \frac{3}{2} \div \left(-\frac{23}{5}\right) = \frac{3}{2} \times \left(-\frac{5}{23}\right) = \left(-\frac{15}{46}\right)$$

$$3. \quad 1\frac{1}{5} \div \left(-3\frac{2}{3}\right) = \frac{6}{5} \div \left(-\frac{11}{3}\right) = \frac{6}{5} \times \left(-\frac{3}{11}\right) = \left(-\frac{18}{55}\right)$$

$$4. \quad 3\frac{1}{3} \div \left(-3\frac{2}{5}\right) = \frac{10}{3} \div \left(-\frac{17}{5}\right) = \frac{10}{3} \times \left(-\frac{5}{17}\right) = \left(-\frac{50}{51}\right)$$

$$5. \quad \left(-1\frac{1}{5}\right) \div \left(-4\frac{3}{4}\right) = \left(-\frac{6}{5}\right) \div \left(-\frac{19}{4}\right) = \left(-\frac{6}{5}\right) \times \left(-\frac{4}{19}\right) = \frac{24}{95}$$

$$6. \quad \left(-3\frac{1}{2}\right) \div \left(-3\frac{2}{3}\right) = \left(-\frac{7}{2}\right) \div \left(-\frac{11}{3}\right) = \left(-\frac{7}{2}\right) \times \left(-\frac{3}{11}\right) = \frac{21}{22}$$

$$7. \quad \left(-4\frac{2}{3}\right) \div \left(-4\frac{3}{4}\right) = \left(-\frac{14}{3}\right) \div \left(-\frac{19}{4}\right) = \left(-\frac{14}{3}\right) \times \left(-\frac{4}{19}\right) = \frac{56}{57}$$

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

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

$$10. \quad 3\frac{4}{5} \div \left(-3\frac{3}{4}\right) = \frac{19}{5} \div \left(-\frac{15}{4}\right) = \frac{19}{5} \times \left(-\frac{4}{15}\right) = \left(-\frac{76}{75}\right) = \left(-2\frac{1}{75}\right)$$