

Diviser des fractions mixtes négatives (E)

Nom: _____

Date: _____

Note: _____

Calculez chaque quotient.

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

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

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

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

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

$$6. \left(-3\frac{4}{5}\right) \div 3\frac{1}{2} = \text{---} \div \text{---} = \text{---} \times \text{---} = \text{---} = \text{---}$$

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

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

$$9. \left(-3\frac{5}{6}\right) \div 3\frac{2}{5} = \text{---} \div \text{---} = \text{---} \times \text{---} = \text{---} = \text{---}$$

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

Diviser des fractions mixtes négatives (E) Réponses

Nom: _____

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Calculez chaque quotient.

$$1. \quad \left(-4\frac{5}{6}\right) \div \left(-3\frac{1}{5}\right) = \left(-\frac{29}{6}\right) \div \left(-\frac{16}{5}\right) = \left(-\frac{29}{6}\right) \times \left(-\frac{5}{16}\right) = \frac{145}{96} = 1\frac{49}{96}$$

$$2. \quad \left(-4\frac{1}{3}\right) \div \left(-1\frac{1}{2}\right) = \left(-\frac{13}{3}\right) \div \left(-\frac{3}{2}\right) = \left(-\frac{13}{3}\right) \times \left(-\frac{2}{3}\right) = \frac{26}{9} = 2\frac{8}{9}$$

$$3. \quad \left(-2\frac{3}{5}\right) \div \left(-4\frac{2}{3}\right) = \left(-\frac{13}{5}\right) \div \left(-\frac{14}{3}\right) = \left(-\frac{13}{5}\right) \times \left(-\frac{3}{14}\right) = \frac{39}{70}$$

$$4. \quad \left(-2\frac{3}{4}\right) \div \left(-1\frac{1}{3}\right) = \left(-\frac{11}{4}\right) \div \left(-\frac{4}{3}\right) = \left(-\frac{11}{4}\right) \times \left(-\frac{3}{4}\right) = \frac{33}{16} = 2\frac{1}{16}$$

$$5. \quad \left(-3\frac{3}{5}\right) \div 3\frac{2}{3} = \left(-\frac{18}{5}\right) \div \frac{11}{3} = \left(-\frac{18}{5}\right) \times \frac{3}{11} = \left(-\frac{54}{55}\right)$$

$$6. \quad \left(-3\frac{4}{5}\right) \div 3\frac{1}{2} = \left(-\frac{19}{5}\right) \div \frac{7}{2} = \left(-\frac{19}{5}\right) \times \frac{2}{7} = \left(-\frac{38}{35}\right) = \left(-2\frac{3}{35}\right)$$

$$7. \quad 2\frac{3}{5} \div \left(-3\frac{1}{2}\right) = \frac{13}{5} \div \left(-\frac{7}{2}\right) = \frac{13}{5} \times \left(-\frac{2}{7}\right) = \left(-\frac{26}{35}\right)$$

$$8. \quad \left(-4\frac{1}{3}\right) \div \left(-2\frac{2}{5}\right) = \left(-\frac{13}{3}\right) \div \left(-\frac{12}{5}\right) = \left(-\frac{13}{3}\right) \times \left(-\frac{5}{12}\right) = \frac{65}{36} = 1\frac{29}{36}$$

$$9. \quad \left(-3\frac{5}{6}\right) \div 3\frac{2}{5} = \left(-\frac{23}{6}\right) \div \frac{17}{5} = \left(-\frac{23}{6}\right) \times \frac{5}{17} = \left(-\frac{115}{102}\right) = \left(-2\frac{13}{102}\right)$$

$$10. \quad 3\frac{1}{2} \div \left(-2\frac{2}{3}\right) = \frac{7}{2} \div \left(-\frac{8}{3}\right) = \frac{7}{2} \times \left(-\frac{3}{8}\right) = \left(-\frac{21}{16}\right) = \left(-2\frac{5}{16}\right)$$