

Diviser des fractions mixtes négatives (E)

Nom: _____

Date: _____

Note: _____

Calculez chaque quotient.

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

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

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

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

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

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

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

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

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

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

Diviser des fractions mixtes négatives (E) Réponses

Nom: _____

Date: _____

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Calculez chaque quotient.

$$1. \left(-3\frac{4}{6}\right) \div \left(-3\frac{4}{5}\right) = \left(-\frac{22}{6}\right) \div \left(-\frac{19}{5}\right) = \left(-\frac{22}{6}\right) \times \left(-\frac{5}{19}\right) = \frac{110}{114} = \frac{55}{57}$$

$$2. \left(-2\frac{1}{2}\right) \div \left(-1\frac{4}{5}\right) = \left(-\frac{5}{2}\right) \div \left(-\frac{9}{5}\right) = \left(-\frac{5}{2}\right) \times \left(-\frac{5}{9}\right) = \frac{25}{18} = 1\frac{7}{18}$$

$$3. \left(-2\frac{3}{5}\right) \div \left(-3\frac{4}{6}\right) = \left(-\frac{13}{5}\right) \div \left(-\frac{22}{6}\right) = \left(-\frac{13}{5}\right) \times \left(-\frac{6}{22}\right) = \frac{78}{110} = \frac{39}{55}$$

$$4. \left(-2\frac{1}{4}\right) \div 3\frac{2}{3} = \left(-\frac{9}{4}\right) \div \frac{11}{3} = \left(-\frac{9}{4}\right) \times \frac{3}{11} = \left(-\frac{27}{44}\right)$$

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

$$6. \left(-3\frac{5}{6}\right) \div \left(-3\frac{1}{5}\right) = \left(-\frac{23}{6}\right) \div \left(-\frac{16}{5}\right) = \left(-\frac{23}{6}\right) \times \left(-\frac{5}{16}\right) = \frac{115}{96} = 1\frac{19}{96}$$

$$7. \left(-2\frac{3}{5}\right) \div \left(-5\frac{1}{4}\right) = \left(-\frac{13}{5}\right) \div \left(-\frac{21}{4}\right) = \left(-\frac{13}{5}\right) \times \left(-\frac{4}{21}\right) = \frac{52}{105}$$

$$8. \frac{1}{5} \div \left(-3\frac{2}{3}\right) = \frac{1}{5} \div \left(-\frac{11}{3}\right) = \frac{1}{5} \times \left(-\frac{3}{11}\right) = \left(-\frac{3}{55}\right)$$

$$9. \left(-3\frac{4}{6}\right) \div \left(-5\frac{4}{5}\right) = \left(-\frac{22}{6}\right) \div \left(-\frac{29}{5}\right) = \left(-\frac{22}{6}\right) \times \left(-\frac{5}{29}\right) = \frac{110}{174} = \frac{55}{87}$$

$$10. \left(-1\frac{2}{3}\right) \div \left(-3\frac{1}{5}\right) = \left(-\frac{5}{3}\right) \div \left(-\frac{16}{5}\right) = \left(-\frac{5}{3}\right) \times \left(-\frac{5}{16}\right) = \frac{25}{48}$$