Diviser des fractions mixtes négatives (F)

Nom: _____ Date: _____ Note: _____

Calculez chaque quotient.

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

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

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

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

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

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

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

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

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

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

Diviser des fractions mixtes négatives (F) Réponses

Nom: _____ Date: _____ Note: _____

Calculez chaque quotient.

1. $\left(-4\frac{1}{2}\right) \div \left(-3\frac{2}{5}\right) = \left(-\frac{9}{2}\right) \div \left(-\frac{17}{5}\right) = \left(-\frac{9}{2}\right) \times \left(-\frac{5}{17}\right) = \frac{45}{34} = 1\frac{11}{34}$

2. $\left(-3\frac{2}{3}\right) \div \left(-2\frac{1}{2}\right) = \left(-\frac{11}{3}\right) \div \left(-\frac{5}{2}\right) = \left(-\frac{11}{3}\right) \times \left(-\frac{2}{5}\right) = \frac{22}{15} = 1\frac{7}{15}$

3. $\left(-4\frac{3}{5}\right) \div \left(-2\frac{1}{6}\right) = \left(-\frac{23}{5}\right) \div \left(-\frac{13}{6}\right) = \left(-\frac{23}{5}\right) \times \left(-\frac{6}{13}\right) = \frac{138}{65} = 2\frac{8}{65}$

4. $\left(-4\frac{4}{5}\right) \div \left(-2\frac{5}{6}\right) = \left(-\frac{24}{5}\right) \div \left(-\frac{17}{6}\right) = \left(-\frac{24}{5}\right) \times \left(-\frac{6}{17}\right) = \frac{144}{85} = 1\frac{59}{85}$

5. $1\frac{1}{2} \div \left(-4\frac{1}{3}\right) = \frac{3}{2} \div \left(-\frac{13}{3}\right) = \frac{3}{2} \times \left(-\frac{3}{13}\right) = \left(-\frac{9}{26}\right)$

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

7. $\left(-1\frac{4}{5}\right) \div \left(-2\frac{1}{3}\right) = \left(-\frac{9}{5}\right) \div \left(-\frac{7}{3}\right) = \left(-\frac{9}{5}\right) \times \left(-\frac{3}{7}\right) = \frac{27}{35}$

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

9. $\left(-4\frac{1}{4}\right) \div 2\frac{2}{3} = \left(-\frac{17}{4}\right) \div \frac{8}{3} = \left(-\frac{17}{4}\right) \times \frac{3}{8} = \left(-\frac{51}{32}\right) = \left(-2\frac{19}{32}\right)$

10. $2\frac{1}{3} \div \left(-4\frac{1}{2}\right) = \frac{7}{3} \div \left(-\frac{9}{2}\right) = \frac{7}{3} \times \left(-\frac{2}{9}\right) = \left(-\frac{14}{27}\right)$