Dividing Negative Mixed Fractions (F)

Name: _____ Date: _____ Score: _____

Calculate each quotient.

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

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

3. $\frac{7}{8} \div \left(-3\frac{2}{3}\right) = \frac{\quad}{\quad} \div \frac{\quad}{\quad} = \frac{\quad}{\quad} \times \frac{\quad}{\quad} = \frac{\quad}{\quad}$

4. $\frac{7}{11} \div \left(-3\frac{2}{7}\right) = \frac{\quad}{\quad} \div \frac{\quad}{\quad} = \frac{\quad}{\quad} \times \frac{\quad}{\quad} = \frac{\quad}{\quad}$

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

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

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

8. $\left(-1\frac{5}{9}\right) \div \left(-2\frac{1}{5}\right) = \frac{\quad}{\quad} \div \frac{\quad}{\quad} = \frac{\quad}{\quad} \times \frac{\quad}{\quad} = \frac{\quad}{\quad}$

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

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

Dividing Negative Mixed Fractions (F) Answers

Name: _____ Date: _____ Score: _____

Calculate each quotient.

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

2. $3\frac{4}{5} \div \left(-4\frac{1}{4}\right) = \frac{19}{5} \div \left(-\frac{17}{4}\right) = \frac{19}{5} \times \left(-\frac{4}{17}\right) = \left(-\frac{76}{85}\right)$

3. $\frac{7}{8} \div \left(-3\frac{2}{3}\right) = \frac{7}{8} \div \left(-\frac{11}{3}\right) = \frac{7}{8} \times \left(-\frac{3}{11}\right) = \left(-\frac{21}{88}\right)$

4. $\frac{7}{11} \div \left(-3\frac{2}{7}\right) = \frac{7}{11} \div \left(-\frac{23}{7}\right) = \frac{7}{11} \times \left(-\frac{7}{23}\right) = \left(-\frac{49}{253}\right)$

5. $\left(-3\frac{1}{11}\right) \div \left(-2\frac{1}{2}\right) = \left(-\frac{34}{11}\right) \div \left(-\frac{5}{2}\right) = \left(-\frac{34}{11}\right) \times \left(-\frac{2}{5}\right) = \frac{68}{55} = 1\frac{13}{55}$

6. $\left(-3\frac{1}{5}\right) \div \left(-2\frac{5}{6}\right) = \left(-\frac{16}{5}\right) \div \left(-\frac{17}{6}\right) = \left(-\frac{16}{5}\right) \times \left(-\frac{6}{17}\right) = \frac{96}{85} = 1\frac{11}{85}$

7. $\left(-3\frac{1}{2}\right) \div \left(-2\frac{2}{7}\right) = \left(-\frac{7}{2}\right) \div \left(-\frac{16}{7}\right) = \left(-\frac{7}{2}\right) \times \left(-\frac{7}{16}\right) = \frac{49}{32} = 1\frac{17}{32}$

8. $\left(-1\frac{5}{9}\right) \div \left(-2\frac{1}{5}\right) = \left(-\frac{14}{9}\right) \div \left(-\frac{11}{5}\right) = \left(-\frac{14}{9}\right) \times \left(-\frac{5}{11}\right) = \frac{70}{99}$

9. $\left(-2\frac{1}{5}\right) \div \left(-2\frac{1}{9}\right) = \left(-\frac{11}{5}\right) \div \left(-\frac{19}{9}\right) = \left(-\frac{11}{5}\right) \times \left(-\frac{9}{19}\right) = \frac{99}{95} = 1\frac{4}{95}$

10. $\left(-2\frac{7}{8}\right) \div \left(-2\frac{2}{3}\right) = \left(-\frac{23}{8}\right) \div \left(-\frac{8}{3}\right) = \left(-\frac{23}{8}\right) \times \left(-\frac{3}{8}\right) = \frac{69}{64} = 1\frac{5}{64}$