

Subtracting Negative Mixed Fractions (F)

Name: _____

Date: _____

Score: _____

Calculate each difference.

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

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

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

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

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

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

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

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

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

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

Subtracting Negative Mixed Fractions (F) Answers

Name: _____

Date: _____

Score: _____

Calculate each difference.

$$1. \quad \left(-5\frac{1}{2}\right) - \frac{2}{3} = \left(-\frac{11}{2}\right) - \frac{2}{3} = \left(-\frac{33}{6}\right) - \frac{4}{6} = \left(-\frac{37}{6}\right) = \left(-6\frac{1}{6}\right)$$

$$2. \quad \left(-5\frac{1}{3}\right) - \frac{1}{2} = \left(-\frac{16}{3}\right) - \frac{1}{2} = \left(-\frac{32}{6}\right) - \frac{3}{6} = \left(-\frac{35}{6}\right) = \left(-5\frac{5}{6}\right)$$

$$3. \quad \left(-2\frac{5}{6}\right) - \left(-4\frac{4}{5}\right) = \left(-\frac{17}{6}\right) - \left(-\frac{24}{5}\right) = \left(-\frac{85}{30}\right) - \left(-\frac{144}{30}\right) = \frac{59}{30} = 1\frac{29}{30}$$

$$4. \quad \left(-5\frac{4}{5}\right) - 1\frac{2}{3} = \left(-\frac{29}{5}\right) - \frac{5}{3} = \left(-\frac{87}{15}\right) - \frac{25}{15} = \left(-\frac{112}{15}\right) = \left(-7\frac{7}{15}\right)$$

$$5. \quad \left(-2\frac{3}{5}\right) - 5\frac{2}{3} = \left(-\frac{13}{5}\right) - \frac{17}{3} = \left(-\frac{39}{15}\right) - \frac{85}{15} = \left(-\frac{124}{15}\right) = \left(-8\frac{4}{15}\right)$$

$$6. \quad \left(-4\frac{1}{2}\right) - 2\frac{2}{3} = \left(-\frac{9}{2}\right) - \frac{8}{3} = \left(-\frac{27}{6}\right) - \frac{16}{6} = \left(-\frac{43}{6}\right) = \left(-7\frac{1}{6}\right)$$

$$7. \quad \left(-4\frac{1}{2}\right) - \left(-5\frac{1}{3}\right) = \left(-\frac{9}{2}\right) - \left(-\frac{16}{3}\right) = \left(-\frac{27}{6}\right) - \left(-\frac{32}{6}\right) = \frac{5}{6}$$

$$8. \quad \left(-2\frac{1}{2}\right) - \frac{1}{5} = \left(-\frac{5}{2}\right) - \frac{1}{5} = \left(-\frac{25}{10}\right) - \frac{2}{10} = \left(-\frac{27}{10}\right) = \left(-2\frac{7}{10}\right)$$

$$9. \quad \left(-4\frac{1}{2}\right) - \left(-1\frac{2}{3}\right) = \left(-\frac{9}{2}\right) - \left(-\frac{5}{3}\right) = \left(-\frac{27}{6}\right) - \left(-\frac{10}{6}\right) = \left(-\frac{17}{6}\right) = \left(-2\frac{5}{6}\right)$$

$$10. \quad \left(-4\frac{1}{4}\right) - 4\frac{2}{5} = \left(-\frac{17}{4}\right) - \frac{22}{5} = \left(-\frac{85}{20}\right) - \frac{88}{20} = \left(-\frac{173}{20}\right) = \left(-8\frac{13}{20}\right)$$