

Subtracting Negative Mixed Fractions (D)

Name: _____

Date: _____

Score: _____

Calculate each difference.

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

2. $\left(-1\frac{2}{3}\right) - \left(-1\frac{7}{11}\right) =$

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

4. $\left(-3\frac{6}{7}\right) - \left(-2\frac{7}{8}\right) =$

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

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

7. $\left(-5\frac{2}{3}\right) - \left(-4\frac{9}{10}\right) =$

8. $\left(-3\frac{1}{2}\right) - \frac{5}{9} =$

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

10. $\left(-4\frac{5}{6}\right) - 2\frac{9}{11} =$

Subtracting Negative Mixed Fractions (D) Answers

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Calculate each difference.

$$1. \quad \left(-2\frac{1}{2}\right) - 3\frac{4}{9} = \left(-\frac{5}{2}\right) - \frac{31}{9} = \left(-\frac{45}{18}\right) - \frac{62}{18} = \left(-\frac{107}{18}\right) = \left(-5\frac{17}{18}\right)$$

$$2. \quad \left(-1\frac{2}{3}\right) - \left(-1\frac{7}{11}\right) = \left(-\frac{5}{3}\right) - \left(-\frac{18}{11}\right) = \left(-\frac{55}{33}\right) - \left(-\frac{54}{33}\right) = \left(-\frac{1}{33}\right)$$

$$3. \quad \left(-4\frac{1}{5}\right) - 2\frac{1}{3} = \left(-\frac{21}{5}\right) - \frac{7}{3} = \left(-\frac{63}{15}\right) - \frac{35}{15} = \left(-\frac{98}{15}\right) = \left(-6\frac{8}{15}\right)$$

$$4. \quad \left(-3\frac{6}{7}\right) - \left(-2\frac{7}{8}\right) = \left(-\frac{27}{7}\right) - \left(-\frac{23}{8}\right) = \left(-\frac{216}{56}\right) - \left(-\frac{161}{56}\right) = \left(-\frac{55}{56}\right)$$

$$5. \quad \left(-4\frac{1}{2}\right) - 4\frac{1}{3} = \left(-\frac{9}{2}\right) - \frac{13}{3} = \left(-\frac{27}{6}\right) - \frac{26}{6} = \left(-\frac{53}{6}\right) = \left(-8\frac{5}{6}\right)$$

$$6. \quad \left(-2\frac{1}{2}\right) - 3\frac{2}{3} = \left(-\frac{5}{2}\right) - \frac{11}{3} = \left(-\frac{15}{6}\right) - \frac{22}{6} = \left(-\frac{37}{6}\right) = \left(-6\frac{1}{6}\right)$$

$$7. \quad \left(-5\frac{2}{3}\right) - \left(-4\frac{9}{10}\right) = \left(-\frac{17}{3}\right) - \left(-\frac{49}{10}\right) = \left(-\frac{170}{30}\right) - \left(-\frac{147}{30}\right) = \left(-\frac{23}{30}\right)$$

$$8. \quad \left(-3\frac{1}{2}\right) - \frac{5}{9} = \left(-\frac{7}{2}\right) - \frac{5}{9} = \left(-\frac{63}{18}\right) - \frac{10}{18} = \left(-\frac{73}{18}\right) = \left(-4\frac{1}{18}\right)$$

$$9. \quad \left(-5\frac{2}{5}\right) - \frac{3}{4} = \left(-\frac{27}{5}\right) - \frac{3}{4} = \left(-\frac{108}{20}\right) - \frac{15}{20} = \left(-\frac{123}{20}\right) = \left(-6\frac{3}{20}\right)$$

$$10. \quad \left(-4\frac{5}{6}\right) - 2\frac{9}{11} = \left(-\frac{29}{6}\right) - \frac{31}{11} = \left(-\frac{319}{66}\right) - \frac{186}{66} = \left(-\frac{505}{66}\right) = \left(-7\frac{43}{66}\right)$$