

Subtracting Negative Mixed Fractions (J)

Name: _____

Date: _____

Score: _____

Calculate each difference.

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

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

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

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

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

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

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

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

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

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

Subtracting Negative Mixed Fractions (J) Answers

Name: _____

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Calculate each difference.

$$1. \quad \left(-5\frac{2}{3}\right) - \frac{1}{2} = \left(-\frac{17}{3}\right) - \frac{1}{2} = \left(-\frac{34}{6}\right) - \frac{3}{6} = \left(-\frac{37}{6}\right) = \left(-6\frac{1}{6}\right)$$

$$2. \quad \left(-3\frac{4}{5}\right) - 3\frac{2}{3} = \left(-\frac{19}{5}\right) - \frac{11}{3} = \left(-\frac{57}{15}\right) - \frac{55}{15} = \left(-\frac{112}{15}\right) = \left(-7\frac{7}{15}\right)$$

$$3. \quad \left(-3\frac{1}{2}\right) - \left(-5\frac{3}{5}\right) = \left(-\frac{7}{2}\right) - \left(-\frac{28}{5}\right) = \left(-\frac{35}{10}\right) - \left(-\frac{56}{10}\right) = \frac{21}{10} = 2\frac{1}{10}$$

$$4. \quad \left(-5\frac{2}{3}\right) - \left(-3\frac{1}{2}\right) = \left(-\frac{17}{3}\right) - \left(-\frac{7}{2}\right) = \left(-\frac{34}{6}\right) - \left(-\frac{21}{6}\right) = \left(-\frac{13}{6}\right) = \left(-2\frac{1}{6}\right)$$

$$5. \quad \left(-4\frac{1}{4}\right) - \left(-1\frac{3}{5}\right) = \left(-\frac{17}{4}\right) - \left(-\frac{8}{5}\right) = \left(-\frac{85}{20}\right) - \left(-\frac{32}{20}\right) = \left(-\frac{53}{20}\right) = \left(-2\frac{13}{20}\right)$$

$$6. \quad \left(-3\frac{1}{2}\right) - \left(-2\frac{2}{5}\right) = \left(-\frac{7}{2}\right) - \left(-\frac{12}{5}\right) = \left(-\frac{35}{10}\right) - \left(-\frac{24}{10}\right) = \left(-\frac{11}{10}\right) = \left(-1\frac{1}{10}\right)$$

$$7. \quad \left(-4\frac{1}{3}\right) - \left(-4\frac{1}{2}\right) = \left(-\frac{13}{3}\right) - \left(-\frac{9}{2}\right) = \left(-\frac{26}{6}\right) - \left(-\frac{27}{6}\right) = \frac{1}{6}$$

$$8. \quad \left(-2\frac{1}{2}\right) - \left(-4\frac{2}{3}\right) = \left(-\frac{5}{2}\right) - \left(-\frac{14}{3}\right) = \left(-\frac{15}{6}\right) - \left(-\frac{28}{6}\right) = \frac{13}{6} = 2\frac{1}{6}$$

$$9. \quad \left(-1\frac{1}{4}\right) - \frac{1}{3} = \left(-\frac{5}{4}\right) - \frac{1}{3} = \left(-\frac{15}{12}\right) - \frac{4}{12} = \left(-\frac{19}{12}\right) = \left(-1\frac{7}{12}\right)$$

$$10. \quad \left(-3\frac{1}{6}\right) - \frac{4}{5} = \left(-\frac{19}{6}\right) - \frac{4}{5} = \left(-\frac{95}{30}\right) - \frac{24}{30} = \left(-\frac{119}{30}\right) = \left(-3\frac{29}{30}\right)$$