

Subtracting Negative Mixed Fractions (I)

Name: _____

Date: _____

Score: _____

Calculate each difference.

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

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

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

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

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

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

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

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

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

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

Subtracting Negative Mixed Fractions (I) Answers

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Calculate each difference.

$$1. \left(-2\frac{1}{3}\right) - \left(-5\frac{1}{2}\right) = \left(-\frac{7}{3}\right) - \left(-\frac{11}{2}\right) = \left(-\frac{14}{6}\right) - \left(-\frac{33}{6}\right) = \frac{19}{6} = 3\frac{1}{6}$$

$$2. \left(-3\frac{1}{4}\right) - 3\frac{4}{5} = \left(-\frac{13}{4}\right) - \frac{19}{5} = \left(-\frac{65}{20}\right) - \frac{76}{20} = \left(-\frac{141}{20}\right) = \left(-7\frac{1}{20}\right)$$

$$3. \left(-5\frac{1}{3}\right) - \left(-3\frac{1}{4}\right) = \left(-\frac{16}{3}\right) - \left(-\frac{13}{4}\right) = \left(-\frac{64}{12}\right) - \left(-\frac{39}{12}\right) = \left(-\frac{25}{12}\right) = \left(-2\frac{1}{12}\right)$$

$$4. \left(-4\frac{4}{5}\right) - \left(-2\frac{1}{3}\right) = \left(-\frac{24}{5}\right) - \left(-\frac{7}{3}\right) = \left(-\frac{72}{15}\right) - \left(-\frac{35}{15}\right) = \left(-\frac{37}{15}\right) = \left(-2\frac{7}{15}\right)$$

$$5. \left(-2\frac{1}{4}\right) - 5\frac{1}{3} = \left(-\frac{9}{4}\right) - \frac{16}{3} = \left(-\frac{27}{12}\right) - \frac{64}{12} = \left(-\frac{91}{12}\right) = \left(-7\frac{7}{12}\right)$$

$$6. \left(-2\frac{2}{5}\right) - \left(-2\frac{2}{3}\right) = \left(-\frac{12}{5}\right) - \left(-\frac{8}{3}\right) = \left(-\frac{36}{15}\right) - \left(-\frac{40}{15}\right) = \frac{4}{15}$$

$$7. \left(-1\frac{2}{3}\right) - 4\frac{1}{4} = \left(-\frac{5}{3}\right) - \frac{17}{4} = \left(-\frac{20}{12}\right) - \frac{51}{12} = \left(-\frac{71}{12}\right) = \left(-5\frac{11}{12}\right)$$

$$8. \left(-4\frac{1}{2}\right) - \frac{2}{3} = \left(-\frac{9}{2}\right) - \frac{2}{3} = \left(-\frac{27}{6}\right) - \frac{4}{6} = \left(-\frac{31}{6}\right) = \left(-5\frac{1}{6}\right)$$

$$9. \left(-4\frac{1}{5}\right) - 1\frac{1}{3} = \left(-\frac{21}{5}\right) - \frac{4}{3} = \left(-\frac{63}{15}\right) - \frac{20}{15} = \left(-\frac{83}{15}\right) = \left(-5\frac{8}{15}\right)$$

$$10. \left(-5\frac{2}{3}\right) - \left(-4\frac{4}{5}\right) = \left(-\frac{17}{3}\right) - \left(-\frac{24}{5}\right) = \left(-\frac{85}{15}\right) - \left(-\frac{72}{15}\right) = \left(-\frac{13}{15}\right)$$