

Subtracting Negative Mixed Fractions (E)

Name: _____

Date: _____

Score: _____

Calculate each difference.

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

2. $\left(-1\frac{5}{6}\right) - 5\frac{4}{5} = \underline{\quad} - \underline{\quad} = \underline{\quad} - \underline{\quad} = \underline{\quad} = \underline{\quad}$

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

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

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

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

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

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

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

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

Subtracting Negative Mixed Fractions (E) Answers

Name: _____

Date: _____

Score: _____

Calculate each difference.

$$1. \quad \left(-3\frac{2}{3}\right) - 4\frac{1}{4} = \left(-\frac{11}{3}\right) - \frac{17}{4} = \left(-\frac{44}{12}\right) - \frac{51}{12} = \left(-\frac{95}{12}\right) = \left(-7\frac{11}{12}\right)$$

$$2. \quad \left(-1\frac{5}{6}\right) - 5\frac{4}{5} = \left(-\frac{11}{6}\right) - \frac{29}{5} = \left(-\frac{55}{30}\right) - \frac{174}{30} = \left(-\frac{229}{30}\right) = \left(-7\frac{19}{30}\right)$$

$$3. \quad \left(-3\frac{1}{5}\right) - \left(-5\frac{3}{4}\right) = \left(-\frac{16}{5}\right) - \left(-\frac{23}{4}\right) = \left(-\frac{64}{20}\right) - \left(-\frac{115}{20}\right) = \frac{51}{20} = 2\frac{11}{20}$$

$$4. \quad \left(-4\frac{2}{3}\right) - 2\frac{1}{2} = \left(-\frac{14}{3}\right) - \frac{5}{2} = \left(-\frac{28}{6}\right) - \frac{15}{6} = \left(-\frac{43}{6}\right) = \left(-7\frac{1}{6}\right)$$

$$5. \quad \left(-5\frac{1}{3}\right) - \left(-3\frac{3}{4}\right) = \left(-\frac{16}{3}\right) - \left(-\frac{15}{4}\right) = \left(-\frac{64}{12}\right) - \left(-\frac{45}{12}\right) = \left(-\frac{19}{12}\right) = \left(-1\frac{7}{12}\right)$$

$$6. \quad \left(-1\frac{2}{3}\right) - \left(-3\frac{3}{5}\right) = \left(-\frac{5}{3}\right) - \left(-\frac{18}{5}\right) = \left(-\frac{25}{15}\right) - \left(-\frac{54}{15}\right) = \frac{29}{15} = 1\frac{14}{15}$$

$$7. \quad \left(-1\frac{1}{2}\right) - \left(-3\frac{1}{3}\right) = \left(-\frac{3}{2}\right) - \left(-\frac{10}{3}\right) = \left(-\frac{9}{6}\right) - \left(-\frac{20}{6}\right) = \frac{11}{6} = 1\frac{5}{6}$$

$$8. \quad \left(-4\frac{4}{5}\right) - \frac{1}{2} = \left(-\frac{24}{5}\right) - \frac{1}{2} = \left(-\frac{48}{10}\right) - \frac{5}{10} = \left(-\frac{53}{10}\right) = \left(-5\frac{3}{10}\right)$$

$$9. \quad \left(-4\frac{1}{5}\right) - \left(-1\frac{1}{4}\right) = \left(-\frac{21}{5}\right) - \left(-\frac{5}{4}\right) = \left(-\frac{84}{20}\right) - \left(-\frac{25}{20}\right) = \left(-\frac{59}{20}\right) = \left(-2\frac{19}{20}\right)$$

$$10. \quad \left(-1\frac{3}{5}\right) - 4\frac{1}{6} = \left(-\frac{8}{5}\right) - \frac{25}{6} = \left(-\frac{48}{30}\right) - \frac{125}{30} = \left(-\frac{173}{30}\right) = \left(-5\frac{23}{30}\right)$$