

Subtracting Negative Mixed Fractions (B)

Name: _____

Date: _____

Score: _____

Calculate each difference.

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

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

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

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

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

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

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

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

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

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

Subtracting Negative Mixed Fractions (B) Answers

Name: _____

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Calculate each difference.

$$1. \left(-2\frac{1}{5}\right) - \left(-5\frac{1}{4}\right) = \left(-\frac{11}{5}\right) - \left(-\frac{21}{4}\right) = \left(-\frac{44}{20}\right) - \left(-\frac{105}{20}\right) = \frac{61}{20} = 3\frac{1}{20}$$

$$2. \left(-5\frac{5}{6}\right) - \left(-4\frac{1}{5}\right) = \left(-\frac{35}{6}\right) - \left(-\frac{21}{5}\right) = \left(-\frac{175}{30}\right) - \left(-\frac{126}{30}\right) = \left(-\frac{49}{30}\right) = \left(-1\frac{19}{30}\right)$$

$$3. \left(-5\frac{1}{4}\right) - 2\frac{4}{5} = \left(-\frac{21}{4}\right) - \frac{14}{5} = \left(-\frac{105}{20}\right) - \frac{56}{20} = \left(-\frac{161}{20}\right) = \left(-8\frac{1}{20}\right)$$

$$4. \left(-1\frac{2}{3}\right) - \left(-5\frac{1}{2}\right) = \left(-\frac{5}{3}\right) - \left(-\frac{11}{2}\right) = \left(-\frac{10}{6}\right) - \left(-\frac{33}{6}\right) = \frac{23}{6} = 3\frac{5}{6}$$

$$5. \left(-3\frac{2}{3}\right) - \left(-3\frac{3}{4}\right) = \left(-\frac{11}{3}\right) - \left(-\frac{15}{4}\right) = \left(-\frac{44}{12}\right) - \left(-\frac{45}{12}\right) = \frac{1}{12}$$

$$6. \left(-3\frac{3}{5}\right) - \left(-3\frac{5}{6}\right) = \left(-\frac{18}{5}\right) - \left(-\frac{23}{6}\right) = \left(-\frac{108}{30}\right) - \left(-\frac{115}{30}\right) = \frac{7}{30}$$

$$7. \left(-4\frac{1}{3}\right) - \left(-3\frac{1}{5}\right) = \left(-\frac{13}{3}\right) - \left(-\frac{16}{5}\right) = \left(-\frac{65}{15}\right) - \left(-\frac{48}{15}\right) = \left(-\frac{17}{15}\right) = \left(-1\frac{2}{15}\right)$$

$$8. \left(-2\frac{1}{5}\right) - \left(-1\frac{1}{2}\right) = \left(-\frac{11}{5}\right) - \left(-\frac{3}{2}\right) = \left(-\frac{22}{10}\right) - \left(-\frac{15}{10}\right) = \left(-\frac{7}{10}\right)$$

$$9. \left(-5\frac{2}{3}\right) - \frac{3}{4} = \left(-\frac{17}{3}\right) - \frac{3}{4} = \left(-\frac{68}{12}\right) - \frac{9}{12} = \left(-\frac{77}{12}\right) = \left(-6\frac{5}{12}\right)$$

$$10. \left(-1\frac{2}{3}\right) - \left(-4\frac{3}{4}\right) = \left(-\frac{5}{3}\right) - \left(-\frac{19}{4}\right) = \left(-\frac{20}{12}\right) - \left(-\frac{57}{12}\right) = \frac{37}{12} = 3\frac{1}{12}$$