

Subtracting Negative Mixed Fractions (H)

Name: _____

Date: _____

Score: _____

Calculate each difference.

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

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

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

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

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

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

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

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

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

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

Subtracting Negative Mixed Fractions (H) Answers

Name: _____

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Score: _____

Calculate each difference.

$$1. \left(-5\frac{1}{4}\right) - \left(-2\frac{1}{3}\right) = \left(-\frac{21}{4}\right) - \left(-\frac{7}{3}\right) = \left(-\frac{63}{12}\right) - \left(-\frac{28}{12}\right) = \left(-\frac{35}{12}\right) = \left(-2\frac{11}{12}\right)$$

$$2. \left(-5\frac{1}{2}\right) - 2\frac{4}{5} = \left(-\frac{11}{2}\right) - \frac{14}{5} = \left(-\frac{55}{10}\right) - \frac{28}{10} = \left(-\frac{83}{10}\right) = \left(-8\frac{3}{10}\right)$$

$$3. \left(-5\frac{2}{5}\right) - 1\frac{1}{2} = \left(-\frac{27}{5}\right) - \frac{3}{2} = \left(-\frac{54}{10}\right) - \frac{15}{10} = \left(-\frac{69}{10}\right) = \left(-6\frac{9}{10}\right)$$

$$4. \left(-3\frac{1}{4}\right) - \left(-2\frac{2}{3}\right) = \left(-\frac{13}{4}\right) - \left(-\frac{8}{3}\right) = \left(-\frac{39}{12}\right) - \left(-\frac{32}{12}\right) = \left(-\frac{7}{12}\right)$$

$$5. \left(-1\frac{1}{4}\right) - 1\frac{1}{3} = \left(-\frac{5}{4}\right) - \frac{4}{3} = \left(-\frac{15}{12}\right) - \frac{16}{12} = \left(-\frac{31}{12}\right) = \left(-2\frac{7}{12}\right)$$

$$6. \left(-2\frac{5}{6}\right) - \left(-5\frac{3}{5}\right) = \left(-\frac{17}{6}\right) - \left(-\frac{28}{5}\right) = \left(-\frac{85}{30}\right) - \left(-\frac{168}{30}\right) = \frac{83}{30} = 2\frac{23}{30}$$

$$7. \left(-3\frac{1}{3}\right) - \left(-4\frac{1}{2}\right) = \left(-\frac{10}{3}\right) - \left(-\frac{9}{2}\right) = \left(-\frac{20}{6}\right) - \left(-\frac{27}{6}\right) = \frac{7}{6} = 1\frac{1}{6}$$

$$8. \left(-3\frac{1}{3}\right) - 3\frac{3}{4} = \left(-\frac{10}{3}\right) - \frac{15}{4} = \left(-\frac{40}{12}\right) - \frac{45}{12} = \left(-\frac{85}{12}\right) = \left(-7\frac{1}{12}\right)$$

$$9. \left(-5\frac{1}{4}\right) - 3\frac{2}{3} = \left(-\frac{21}{4}\right) - \frac{11}{3} = \left(-\frac{63}{12}\right) - \frac{44}{12} = \left(-\frac{107}{12}\right) = \left(-8\frac{11}{12}\right)$$

$$10. \left(-5\frac{4}{5}\right) - \frac{1}{3} = \left(-\frac{29}{5}\right) - \frac{1}{3} = \left(-\frac{87}{15}\right) - \frac{5}{15} = \left(-\frac{92}{15}\right) = \left(-6\frac{2}{15}\right)$$