

Subtracting Negative Mixed Fractions (G)

Name: _____

Date: _____

Score: _____

Calculate each difference.

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

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

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

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

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

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

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

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

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

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

Subtracting Negative Mixed Fractions (G) Answers

Name: _____

Date: _____

Score: _____

Calculate each difference.

$$1. \left(-3\frac{1}{2}\right) - \left(-4\frac{4}{5}\right) = \left(-\frac{7}{2}\right) - \left(-\frac{24}{5}\right) = \left(-\frac{35}{10}\right) - \left(-\frac{48}{10}\right) = \frac{13}{10} = 1\frac{3}{10}$$

$$2. \left(-2\frac{2}{3}\right) - \left(-2\frac{1}{4}\right) = \left(-\frac{8}{3}\right) - \left(-\frac{9}{4}\right) = \left(-\frac{32}{12}\right) - \left(-\frac{27}{12}\right) = \left(-\frac{5}{12}\right)$$

$$3. \left(-4\frac{1}{3}\right) - \left(-2\frac{1}{2}\right) = \left(-\frac{13}{3}\right) - \left(-\frac{5}{2}\right) = \left(-\frac{26}{6}\right) - \left(-\frac{15}{6}\right) = \left(-\frac{11}{6}\right) = \left(-1\frac{5}{6}\right)$$

$$4. \left(-4\frac{1}{2}\right) - 2\frac{2}{3} = \left(-\frac{9}{2}\right) - \frac{8}{3} = \left(-\frac{27}{6}\right) - \frac{16}{6} = \left(-\frac{43}{6}\right) = \left(-7\frac{1}{6}\right)$$

$$5. \left(-4\frac{1}{2}\right) - \left(-1\frac{2}{5}\right) = \left(-\frac{9}{2}\right) - \left(-\frac{7}{5}\right) = \left(-\frac{45}{10}\right) - \left(-\frac{14}{10}\right) = \left(-\frac{31}{10}\right) = \left(-3\frac{1}{10}\right)$$

$$6. \left(-3\frac{1}{2}\right) - \left(-5\frac{2}{5}\right) = \left(-\frac{7}{2}\right) - \left(-\frac{27}{5}\right) = \left(-\frac{35}{10}\right) - \left(-\frac{54}{10}\right) = \frac{19}{10} = 1\frac{9}{10}$$

$$7. \left(-2\frac{3}{4}\right) - \left(-5\frac{1}{3}\right) = \left(-\frac{11}{4}\right) - \left(-\frac{16}{3}\right) = \left(-\frac{33}{12}\right) - \left(-\frac{64}{12}\right) = \frac{31}{12} = 2\frac{7}{12}$$

$$8. \left(-3\frac{1}{3}\right) - 1\frac{1}{2} = \left(-\frac{10}{3}\right) - \frac{3}{2} = \left(-\frac{20}{6}\right) - \frac{9}{6} = \left(-\frac{29}{6}\right) = \left(-4\frac{5}{6}\right)$$

$$9. \left(-3\frac{1}{4}\right) - \left(-4\frac{3}{5}\right) = \left(-\frac{13}{4}\right) - \left(-\frac{23}{5}\right) = \left(-\frac{65}{20}\right) - \left(-\frac{92}{20}\right) = \frac{27}{20} = 1\frac{7}{20}$$

$$10. \left(-2\frac{1}{3}\right) - \left(-2\frac{4}{5}\right) = \left(-\frac{7}{3}\right) - \left(-\frac{14}{5}\right) = \left(-\frac{35}{15}\right) - \left(-\frac{42}{15}\right) = \frac{7}{15}$$