

Subtracting Negative Mixed Fractions (A)

Name: _____

Date: _____

Score: _____

Calculate each difference.

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

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

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

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

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

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

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

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

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

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

Subtracting Negative Mixed Fractions (A) Answers

Name: _____

Date: _____

Score: _____

Calculate each difference.

$$1. \left(-5\frac{5}{6}\right) - \left(-3\frac{3}{5}\right) = \left(-\frac{35}{6}\right) - \left(-\frac{18}{5}\right) = \left(-\frac{175}{30}\right) - \left(-\frac{108}{30}\right) = \left(-\frac{67}{30}\right) = \left(-2\frac{7}{30}\right)$$

$$2. \left(-1\frac{1}{5}\right) - \left(-3\frac{1}{2}\right) = \left(-\frac{6}{5}\right) - \left(-\frac{7}{2}\right) = \left(-\frac{12}{10}\right) - \left(-\frac{35}{10}\right) = \frac{23}{10} = 2\frac{3}{10}$$

$$3. \left(-5\frac{1}{3}\right) - \left(-4\frac{1}{2}\right) = \left(-\frac{16}{3}\right) - \left(-\frac{9}{2}\right) = \left(-\frac{32}{6}\right) - \left(-\frac{27}{6}\right) = \left(-\frac{5}{6}\right)$$

$$4. \left(-3\frac{1}{6}\right) - 4\frac{1}{5} = \left(-\frac{19}{6}\right) - \frac{21}{5} = \left(-\frac{95}{30}\right) - \frac{126}{30} = \left(-\frac{221}{30}\right) = \left(-7\frac{11}{30}\right)$$

$$5. \left(-2\frac{2}{5}\right) - \left(-3\frac{1}{2}\right) = \left(-\frac{12}{5}\right) - \left(-\frac{7}{2}\right) = \left(-\frac{24}{10}\right) - \left(-\frac{35}{10}\right) = \frac{11}{10} = 1\frac{1}{10}$$

$$6. \left(-3\frac{4}{5}\right) - \left(-1\frac{1}{3}\right) = \left(-\frac{19}{5}\right) - \left(-\frac{4}{3}\right) = \left(-\frac{57}{15}\right) - \left(-\frac{20}{15}\right) = \left(-\frac{37}{15}\right) = \left(-2\frac{7}{15}\right)$$

$$7. \left(-1\frac{1}{3}\right) - \left(-4\frac{4}{5}\right) = \left(-\frac{4}{3}\right) - \left(-\frac{24}{5}\right) = \left(-\frac{20}{15}\right) - \left(-\frac{72}{15}\right) = \frac{52}{15} = 3\frac{7}{15}$$

$$8. \left(-1\frac{1}{6}\right) - \frac{3}{5} = \left(-\frac{7}{6}\right) - \frac{3}{5} = \left(-\frac{35}{30}\right) - \frac{18}{30} = \left(-\frac{53}{30}\right) = \left(-1\frac{23}{30}\right)$$

$$9. \left(-5\frac{1}{2}\right) - 1\frac{2}{3} = \left(-\frac{11}{2}\right) - \frac{5}{3} = \left(-\frac{33}{6}\right) - \frac{10}{6} = \left(-\frac{43}{6}\right) = \left(-7\frac{1}{6}\right)$$

$$10. \left(-1\frac{4}{5}\right) - 5\frac{1}{6} = \left(-\frac{9}{5}\right) - \frac{31}{6} = \left(-\frac{54}{30}\right) - \frac{155}{30} = \left(-\frac{209}{30}\right) = \left(-6\frac{29}{30}\right)$$