

## Subtracting Negative Mixed Fractions (A)

Name: \_\_\_\_\_

Date: \_\_\_\_\_

Score: \_\_\_\_\_

Calculate each difference.

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

Convert ↑                      Denominator                      Solve                      Convert ↓

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

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

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

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

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

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

$$8. \quad \left(-4\frac{1}{4}\right) - \left(-2\frac{1}{3}\right) = \underline{\hspace{1cm}} - \underline{\hspace{1cm}} = \underline{\hspace{1cm}} - \underline{\hspace{1cm}} = \underline{\hspace{1cm}} = \underline{\hspace{1cm}}$$

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

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

## Subtracting Negative Mixed Fractions (A) Answers

Name: \_\_\_\_\_

Date: \_\_\_\_\_

Score: \_\_\_\_\_

Calculate each difference.

$$1. \quad \left(-2\frac{1}{4}\right) - \left(-4\frac{2}{3}\right) = \left(-\frac{9}{4}\right) - \left(-\frac{14}{3}\right) = \left(-\frac{27}{12}\right) - \left(-\frac{56}{12}\right) = \frac{29}{12} = 2\frac{5}{12}$$

$$2. \quad \left(-2\frac{1}{2}\right) - \frac{2}{5} = \left(-\frac{5}{2}\right) - \frac{2}{5} = \left(-\frac{25}{10}\right) - \frac{4}{10} = \left(-\frac{29}{10}\right) = \left(-2\frac{9}{10}\right)$$

$$3. \quad \left(-5\frac{4}{5}\right) - \left(-2\frac{1}{2}\right) = \left(-\frac{29}{5}\right) - \left(-\frac{5}{2}\right) = \left(-\frac{58}{10}\right) - \left(-\frac{25}{10}\right) = \left(-\frac{33}{10}\right) = \left(-3\frac{3}{10}\right)$$

$$4. \quad \left(-4\frac{4}{5}\right) - \frac{1}{6} = \left(-\frac{24}{5}\right) - \frac{1}{6} = \left(-\frac{144}{30}\right) - \frac{5}{30} = \left(-\frac{149}{30}\right) = \left(-4\frac{29}{30}\right)$$

$$5. \quad \left(-3\frac{1}{2}\right) - \frac{2}{3} = \left(-\frac{7}{2}\right) - \frac{2}{3} = \left(-\frac{21}{6}\right) - \frac{4}{6} = \left(-\frac{25}{6}\right) = \left(-4\frac{1}{6}\right)$$

$$6. \quad \left(-3\frac{1}{3}\right) - 3\frac{1}{2} = \left(-\frac{10}{3}\right) - \frac{7}{2} = \left(-\frac{20}{6}\right) - \frac{21}{6} = \left(-\frac{41}{6}\right) = \left(-6\frac{5}{6}\right)$$

$$7. \quad \left(-4\frac{1}{4}\right) - 2\frac{2}{3} = \left(-\frac{17}{4}\right) - \frac{8}{3} = \left(-\frac{51}{12}\right) - \frac{32}{12} = \left(-\frac{83}{12}\right) = \left(-6\frac{11}{12}\right)$$

$$8. \quad \left(-4\frac{1}{4}\right) - \left(-2\frac{1}{3}\right) = \left(-\frac{17}{4}\right) - \left(-\frac{7}{3}\right) = \left(-\frac{51}{12}\right) - \left(-\frac{28}{12}\right) = \left(-\frac{23}{12}\right) = \left(-1\frac{11}{12}\right)$$

$$9. \quad \left(-5\frac{1}{3}\right) - \frac{2}{5} = \left(-\frac{16}{3}\right) - \frac{2}{5} = \left(-\frac{80}{15}\right) - \frac{6}{15} = \left(-\frac{86}{15}\right) = \left(-5\frac{11}{15}\right)$$

$$10. \quad \left(-1\frac{2}{3}\right) - 4\frac{1}{2} = \left(-\frac{5}{3}\right) - \frac{9}{2} = \left(-\frac{10}{6}\right) - \frac{27}{6} = \left(-\frac{37}{6}\right) = \left(-6\frac{1}{6}\right)$$