

## Subtracting Negative Mixed Fractions (A)

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

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

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

Calculate each difference.

$$1. \quad \left(-3\frac{1}{9}\right) - 4\frac{1}{7} = \underline{\hspace{1cm}} - \underline{\hspace{1cm}} = \underline{\hspace{1cm}} - \underline{\hspace{1cm}} = \underline{\hspace{1cm}} = \underline{\hspace{1cm}}$$

Convert ↑                      Denominator                      Solve                      Convert ↓

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

$$3. \quad \left(-2\frac{1}{3}\right) - \left(-3\frac{5}{8}\right) = \underline{\hspace{1cm}} - \underline{\hspace{1cm}} = \underline{\hspace{1cm}} - \underline{\hspace{1cm}} = \underline{\hspace{1cm}} = \underline{\hspace{1cm}}$$

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

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

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

$$7. \quad \left(-2\frac{2}{9}\right) - \frac{1}{4} = \underline{\hspace{1cm}} - \underline{\hspace{1cm}} = \underline{\hspace{1cm}} - \underline{\hspace{1cm}} = \underline{\hspace{1cm}} = \underline{\hspace{1cm}}$$

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

$$9. \quad \left(-4\frac{1}{2}\right) - \left(-4\frac{3}{11}\right) = \underline{\hspace{1cm}} - \underline{\hspace{1cm}} = \underline{\hspace{1cm}} - \underline{\hspace{1cm}} = \underline{\hspace{1cm}}$$

$$10. \quad \left(-2\frac{2}{3}\right) - \left(-5\frac{8}{11}\right) = \underline{\hspace{1cm}} - \underline{\hspace{1cm}} = \underline{\hspace{1cm}} - \underline{\hspace{1cm}} = \underline{\hspace{1cm}} = \underline{\hspace{1cm}}$$

## Subtracting Negative Mixed Fractions (A) Answers

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

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

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

Calculate each difference.

$$1. \quad \left(-3\frac{1}{9}\right) - 4\frac{1}{7} = \left(-\frac{28}{9}\right) - \frac{29}{7} = \left(-\frac{196}{63}\right) - \frac{261}{63} = \left(-\frac{457}{63}\right) = \left(-7\frac{16}{63}\right)$$

$$2. \quad \left(-2\frac{2}{7}\right) - 4\frac{1}{3} = \left(-\frac{16}{7}\right) - \frac{13}{3} = \left(-\frac{48}{21}\right) - \frac{91}{21} = \left(-\frac{139}{21}\right) = \left(-6\frac{13}{21}\right)$$

$$3. \quad \left(-2\frac{1}{3}\right) - \left(-3\frac{5}{8}\right) = \left(-\frac{7}{3}\right) - \left(-\frac{29}{8}\right) = \left(-\frac{56}{24}\right) - \left(-\frac{87}{24}\right) = \frac{31}{24} = 1\frac{7}{24}$$

$$4. \quad \left(-3\frac{1}{5}\right) - \left(-1\frac{3}{7}\right) = \left(-\frac{16}{5}\right) - \left(-\frac{10}{7}\right) = \left(-\frac{112}{35}\right) - \left(-\frac{50}{35}\right) = \left(-\frac{62}{35}\right) = \left(-1\frac{27}{35}\right)$$

$$5. \quad \left(-4\frac{3}{7}\right) - \frac{2}{5} = \left(-\frac{31}{7}\right) - \frac{2}{5} = \left(-\frac{155}{35}\right) - \frac{14}{35} = \left(-\frac{169}{35}\right) = \left(-4\frac{29}{35}\right)$$

$$6. \quad \left(-1\frac{5}{6}\right) - \left(-2\frac{1}{5}\right) = \left(-\frac{11}{6}\right) - \left(-\frac{11}{5}\right) = \left(-\frac{55}{30}\right) - \left(-\frac{66}{30}\right) = \frac{11}{30}$$

$$7. \quad \left(-2\frac{2}{9}\right) - \frac{1}{4} = \left(-\frac{20}{9}\right) - \frac{1}{4} = \left(-\frac{80}{36}\right) - \frac{9}{36} = \left(-\frac{89}{36}\right) = \left(-2\frac{17}{36}\right)$$

$$8. \quad \left(-4\frac{1}{2}\right) - \frac{2}{3} = \left(-\frac{9}{2}\right) - \frac{2}{3} = \left(-\frac{27}{6}\right) - \frac{4}{6} = \left(-\frac{31}{6}\right) = \left(-5\frac{1}{6}\right)$$

$$9. \quad \left(-4\frac{1}{2}\right) - \left(-4\frac{3}{11}\right) = \left(-\frac{9}{2}\right) - \left(-\frac{47}{11}\right) = \left(-\frac{99}{22}\right) - \left(-\frac{94}{22}\right) = \left(-\frac{5}{22}\right)$$

$$10. \quad \left(-2\frac{2}{3}\right) - \left(-5\frac{8}{11}\right) = \left(-\frac{8}{3}\right) - \left(-\frac{63}{11}\right) = \left(-\frac{88}{33}\right) - \left(-\frac{189}{33}\right) = \frac{101}{33} = 3\frac{2}{33}$$