

## Soustraire des fractions mixtes négatives (A)

Nom: \_\_\_\_\_

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

Note: \_\_\_\_\_

Calculez chaque différence.

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

Convert ↑                      Denominator                      Solve                      Convert ↓

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

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

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

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

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

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

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

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

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

## Soustraire des fractions mixtes négatives (A) Réponses

Nom: \_\_\_\_\_

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

Note: \_\_\_\_\_

Calculez chaque différence.

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

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

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

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

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

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

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

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

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

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

## Soustraire des fractions mixtes négatives (B)

Nom: \_\_\_\_\_

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

Note: \_\_\_\_\_

Calculez chaque différence.

1.  $\left(-3\frac{1}{3}\right) - \frac{8}{11} = \text{---} - \text{---} = \text{---} - \text{---} = \text{---} = \text{---}$

2.  $\left(-4\frac{1}{4}\right) - \left(-4\frac{1}{11}\right) = \text{---} - \text{---} = \text{---} - \text{---} = \text{---}$

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

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

5.  $\left(-1\frac{3}{8}\right) - \frac{1}{11} = \text{---} - \text{---} = \text{---} - \text{---} = \text{---} = \text{---}$

6.  $\left(-1\frac{1}{6}\right) - \left(-4\frac{1}{7}\right) = \text{---} - \text{---} = \text{---} - \text{---} = \text{---} = \text{---}$

7.  $\left(-2\frac{5}{12}\right) - 5\frac{4}{7} = \text{---} - \text{---} = \text{---} - \text{---} = \text{---} = \text{---}$

8.  $\left(-2\frac{1}{2}\right) - \left(-3\frac{6}{11}\right) = \text{---} - \text{---} = \text{---} - \text{---} = \text{---} = \text{---}$

9.  $\left(-2\frac{1}{10}\right) - \left(-3\frac{4}{11}\right) = \text{---} - \text{---} = \text{---} - \text{---} = \text{---} = \text{---}$

10.  $\left(-5\frac{1}{3}\right) - \left(-4\frac{3}{8}\right) = \text{---} - \text{---} = \text{---} - \text{---} = \text{---}$

## Soustraire des fractions mixtes négatives (B) Réponses

Nom: \_\_\_\_\_

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

Note: \_\_\_\_\_

Calculez chaque différence.

$$1. \quad \left(-3\frac{1}{3}\right) - \frac{8}{11} = \left(-\frac{10}{3}\right) - \frac{8}{11} = \left(-\frac{110}{33}\right) - \frac{24}{33} = \left(-\frac{134}{33}\right) = \left(-4\frac{2}{33}\right)$$

$$2. \quad \left(-4\frac{1}{4}\right) - \left(-4\frac{1}{11}\right) = \left(-\frac{17}{4}\right) - \left(-\frac{45}{11}\right) = \left(-\frac{187}{44}\right) - \left(-\frac{180}{44}\right) = \left(-\frac{7}{44}\right)$$

$$3. \quad \left(-5\frac{3}{4}\right) - \left(-1\frac{5}{9}\right) = \left(-\frac{23}{4}\right) - \left(-\frac{14}{9}\right) = \left(-\frac{207}{36}\right) - \left(-\frac{56}{36}\right) = \left(-\frac{151}{36}\right) = \left(-4\frac{7}{36}\right)$$

$$4. \quad \left(-4\frac{1}{4}\right) - \left(-4\frac{3}{7}\right) = \left(-\frac{17}{4}\right) - \left(-\frac{31}{7}\right) = \left(-\frac{119}{28}\right) - \left(-\frac{124}{28}\right) = \frac{5}{28}$$

$$5. \quad \left(-1\frac{3}{8}\right) - \frac{1}{11} = \left(-\frac{11}{8}\right) - \frac{1}{11} = \left(-\frac{121}{88}\right) - \frac{8}{88} = \left(-\frac{129}{88}\right) = \left(-1\frac{41}{88}\right)$$

$$6. \quad \left(-1\frac{1}{6}\right) - \left(-4\frac{1}{7}\right) = \left(-\frac{7}{6}\right) - \left(-\frac{29}{7}\right) = \left(-\frac{49}{42}\right) - \left(-\frac{174}{42}\right) = \frac{125}{42} = 2\frac{41}{42}$$

$$7. \quad \left(-2\frac{5}{12}\right) - 5\frac{4}{7} = \left(-\frac{29}{12}\right) - \frac{39}{7} = \left(-\frac{203}{84}\right) - \frac{468}{84} = \left(-\frac{671}{84}\right) = \left(-7\frac{83}{84}\right)$$

$$8. \quad \left(-2\frac{1}{2}\right) - \left(-3\frac{6}{11}\right) = \left(-\frac{5}{2}\right) - \left(-\frac{39}{11}\right) = \left(-\frac{55}{22}\right) - \left(-\frac{78}{22}\right) = \frac{23}{22} = 1\frac{1}{22}$$

$$9. \quad \left(-2\frac{1}{10}\right) - \left(-3\frac{4}{11}\right) = \left(-\frac{21}{10}\right) - \left(-\frac{37}{11}\right) = \left(-\frac{231}{110}\right) - \left(-\frac{370}{110}\right) = \frac{139}{110} = 1\frac{29}{110}$$

$$10. \quad \left(-5\frac{1}{3}\right) - \left(-4\frac{3}{8}\right) = \left(-\frac{16}{3}\right) - \left(-\frac{35}{8}\right) = \left(-\frac{128}{24}\right) - \left(-\frac{105}{24}\right) = \left(-\frac{23}{24}\right)$$

## Soustraire des fractions mixtes négatives (C)

Nom: \_\_\_\_\_

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

Note: \_\_\_\_\_

Calculez chaque différence.

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

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

3.  $\left(-4\frac{2}{11}\right) - \frac{2}{3} = \text{---} - \text{---} = \text{---} - \text{---} = \text{---} = \text{---}$

4.  $\left(-3\frac{2}{11}\right) - \left(-2\frac{4}{7}\right) = \text{---} - \text{---} = \text{---} - \text{---} = \text{---}$

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

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

7.  $\left(-4\frac{1}{12}\right) - \left(-2\frac{9}{11}\right) = \text{---} - \text{---} = \text{---} - \text{---} = \text{---} = \text{---}$

8.  $\left(-2\frac{1}{5}\right) - \frac{8}{9} = \text{---} - \text{---} = \text{---} - \text{---} = \text{---} = \text{---}$

9.  $\left(-2\frac{1}{4}\right) - \left(-1\frac{9}{11}\right) = \text{---} - \text{---} = \text{---} - \text{---} = \text{---}$

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

## Soustraire des fractions mixtes négatives (C) Réponses

Nom: \_\_\_\_\_

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

Note: \_\_\_\_\_

Calculez chaque différence.

$$1. \quad \left(-3\frac{2}{3}\right) - \left(-1\frac{3}{5}\right) = \left(-\frac{11}{3}\right) - \left(-\frac{8}{5}\right) = \left(-\frac{55}{15}\right) - \left(-\frac{24}{15}\right) = \left(-\frac{31}{15}\right) = \left(-2\frac{1}{15}\right)$$

$$2. \quad \left(-1\frac{1}{4}\right) - \left(-3\frac{2}{3}\right) = \left(-\frac{5}{4}\right) - \left(-\frac{11}{3}\right) = \left(-\frac{15}{12}\right) - \left(-\frac{44}{12}\right) = \frac{29}{12} = 2\frac{5}{12}$$

$$3. \quad \left(-4\frac{2}{11}\right) - \frac{2}{3} = \left(-\frac{46}{11}\right) - \frac{2}{3} = \left(-\frac{138}{33}\right) - \frac{22}{33} = \left(-\frac{160}{33}\right) = \left(-4\frac{28}{33}\right)$$

$$4. \quad \left(-3\frac{2}{11}\right) - \left(-2\frac{4}{7}\right) = \left(-\frac{35}{11}\right) - \left(-\frac{18}{7}\right) = \left(-\frac{245}{77}\right) - \left(-\frac{198}{77}\right) = \left(-\frac{47}{77}\right)$$

$$5. \quad \left(-4\frac{1}{4}\right) - \left(-1\frac{3}{5}\right) = \left(-\frac{17}{4}\right) - \left(-\frac{8}{5}\right) = \left(-\frac{85}{20}\right) - \left(-\frac{32}{20}\right) = \left(-\frac{53}{20}\right) = \left(-2\frac{13}{20}\right)$$

$$6. \quad \left(-3\frac{2}{3}\right) - \frac{2}{5} = \left(-\frac{11}{3}\right) - \frac{2}{5} = \left(-\frac{55}{15}\right) - \frac{6}{15} = \left(-\frac{61}{15}\right) = \left(-4\frac{1}{15}\right)$$

$$7. \quad \left(-4\frac{1}{12}\right) - \left(-2\frac{9}{11}\right) = \left(-\frac{49}{12}\right) - \left(-\frac{31}{11}\right) = \left(-\frac{539}{132}\right) - \left(-\frac{372}{132}\right) = \left(-\frac{167}{132}\right) = \left(-1\frac{35}{132}\right)$$

$$8. \quad \left(-2\frac{1}{5}\right) - \frac{8}{9} = \left(-\frac{11}{5}\right) - \frac{8}{9} = \left(-\frac{99}{45}\right) - \frac{40}{45} = \left(-\frac{139}{45}\right) = \left(-3\frac{4}{45}\right)$$

$$9. \quad \left(-2\frac{1}{4}\right) - \left(-1\frac{9}{11}\right) = \left(-\frac{9}{4}\right) - \left(-\frac{20}{11}\right) = \left(-\frac{99}{44}\right) - \left(-\frac{80}{44}\right) = \left(-\frac{19}{44}\right)$$

$$10. \quad \left(-1\frac{3}{5}\right) - 3\frac{5}{8} = \left(-\frac{8}{5}\right) - \frac{29}{8} = \left(-\frac{64}{40}\right) - \frac{145}{40} = \left(-\frac{209}{40}\right) = \left(-5\frac{9}{40}\right)$$

## Soustraire des fractions mixtes négatives (D)

Nom: \_\_\_\_\_

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

Note: \_\_\_\_\_

Calculez chaque différence.

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

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

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

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

$$5. \quad \left(-2\frac{5}{6}\right) - 2\frac{3}{7} = \text{---} - \text{---} = \text{---} - \text{---} = \text{---} = \text{---}$$

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

$$7. \quad \left(-2\frac{4}{11}\right) - \left(-2\frac{1}{2}\right) = \text{---} - \text{---} = \text{---} - \text{---} = \text{---}$$

$$8. \quad \left(-4\frac{1}{2}\right) - \left(-5\frac{2}{9}\right) = \text{---} - \text{---} = \text{---} - \text{---} = \text{---}$$

$$9. \quad \left(-4\frac{7}{10}\right) - 1\frac{2}{3} = \text{---} - \text{---} = \text{---} - \text{---} = \text{---} = \text{---}$$

$$10. \quad \left(-3\frac{4}{5}\right) - \frac{1}{12} = \text{---} - \text{---} = \text{---} - \text{---} = \text{---} = \text{---}$$

## Soustraire des fractions mixtes négatives (D) Réponses

Nom: \_\_\_\_\_

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

Note: \_\_\_\_\_

Calculez chaque différence.

$$1. \quad \left(-3\frac{1}{5}\right) - 4\frac{1}{3} = \left(-\frac{16}{5}\right) - \frac{13}{3} = \left(-\frac{48}{15}\right) - \frac{65}{15} = \left(-\frac{113}{15}\right) = \left(-7\frac{8}{15}\right)$$

$$2. \quad \left(-1\frac{1}{5}\right) - 2\frac{1}{4} = \left(-\frac{6}{5}\right) - \frac{9}{4} = \left(-\frac{24}{20}\right) - \frac{45}{20} = \left(-\frac{69}{20}\right) = \left(-3\frac{9}{20}\right)$$

$$3. \quad \left(-5\frac{3}{5}\right) - 2\frac{1}{3} = \left(-\frac{28}{5}\right) - \frac{7}{3} = \left(-\frac{84}{15}\right) - \frac{35}{15} = \left(-\frac{119}{15}\right) = \left(-7\frac{14}{15}\right)$$

$$4. \quad \left(-3\frac{1}{3}\right) - \left(-3\frac{1}{5}\right) = \left(-\frac{10}{3}\right) - \left(-\frac{16}{5}\right) = \left(-\frac{50}{15}\right) - \left(-\frac{48}{15}\right) = \left(-\frac{2}{15}\right)$$

$$5. \quad \left(-2\frac{5}{6}\right) - 2\frac{3}{7} = \left(-\frac{17}{6}\right) - \frac{17}{7} = \left(-\frac{119}{42}\right) - \frac{102}{42} = \left(-\frac{221}{42}\right) = \left(-5\frac{11}{42}\right)$$

$$6. \quad \left(-5\frac{2}{3}\right) - \frac{1}{2} = \left(-\frac{17}{3}\right) - \frac{1}{2} = \left(-\frac{34}{6}\right) - \frac{3}{6} = \left(-\frac{37}{6}\right) = \left(-6\frac{1}{6}\right)$$

$$7. \quad \left(-2\frac{4}{11}\right) - \left(-2\frac{1}{2}\right) = \left(-\frac{26}{11}\right) - \left(-\frac{5}{2}\right) = \left(-\frac{52}{22}\right) - \left(-\frac{55}{22}\right) = \frac{3}{22}$$

$$8. \quad \left(-4\frac{1}{2}\right) - \left(-5\frac{2}{9}\right) = \left(-\frac{9}{2}\right) - \left(-\frac{47}{9}\right) = \left(-\frac{81}{18}\right) - \left(-\frac{94}{18}\right) = \frac{13}{18}$$

$$9. \quad \left(-4\frac{7}{10}\right) - 1\frac{2}{3} = \left(-\frac{47}{10}\right) - \frac{5}{3} = \left(-\frac{141}{30}\right) - \frac{50}{30} = \left(-\frac{191}{30}\right) = \left(-6\frac{11}{30}\right)$$

$$10. \quad \left(-3\frac{4}{5}\right) - \frac{1}{12} = \left(-\frac{19}{5}\right) - \frac{1}{12} = \left(-\frac{228}{60}\right) - \frac{5}{60} = \left(-\frac{233}{60}\right) = \left(-3\frac{53}{60}\right)$$



## Soustraire des fractions mixtes négatives (E)

Nom: \_\_\_\_\_

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

Note: \_\_\_\_\_

Calculez chaque différence.

$$1. \quad \left(-2\frac{7}{10}\right) - 2\frac{2}{3} = \text{---} - \text{---} = \text{---} - \text{---} = \text{---} = \text{---}$$

$$2. \quad \left(-2\frac{11}{12}\right) - \left(-3\frac{4}{7}\right) = \text{---} - \text{---} = \text{---} - \text{---} = \text{---}$$

$$3. \quad \left(-1\frac{7}{11}\right) - 5\frac{1}{10} = \text{---} - \text{---} = \text{---} - \text{---} = \text{---} = \text{---}$$

$$4. \quad \left(-1\frac{1}{4}\right) - \left(-4\frac{6}{11}\right) = \text{---} - \text{---} = \text{---} - \text{---} = \text{---} = \text{---}$$

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

$$6. \quad \left(-2\frac{2}{7}\right) - \left(-2\frac{7}{8}\right) = \text{---} - \text{---} = \text{---} - \text{---} = \text{---}$$

$$7. \quad \left(-5\frac{5}{6}\right) - \left(-4\frac{7}{11}\right) = \text{---} - \text{---} = \text{---} - \text{---} = \text{---} = \text{---}$$

$$8. \quad \left(-1\frac{2}{11}\right) - 2\frac{1}{7} = \text{---} - \text{---} = \text{---} - \text{---} = \text{---} = \text{---}$$

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

$$10. \quad \left(-2\frac{7}{8}\right) - 4\frac{1}{7} = \text{---} - \text{---} = \text{---} - \text{---} = \text{---} = \text{---}$$

## Soustraire des fractions mixtes négatives (E) Réponses

Nom: \_\_\_\_\_

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

Note: \_\_\_\_\_

Calculez chaque différence.

$$1. \quad \left(-2\frac{7}{10}\right) - 2\frac{2}{3} = \left(-\frac{27}{10}\right) - \frac{8}{3} = \left(-\frac{81}{30}\right) - \frac{80}{30} = \left(-\frac{161}{30}\right) = \left(-5\frac{11}{30}\right)$$

$$2. \quad \left(-2\frac{11}{12}\right) - \left(-3\frac{4}{7}\right) = \left(-\frac{35}{12}\right) - \left(-\frac{25}{7}\right) = \left(-\frac{245}{84}\right) - \left(-\frac{300}{84}\right) = \frac{55}{84}$$

$$3. \quad \left(-1\frac{7}{11}\right) - 5\frac{1}{10} = \left(-\frac{18}{11}\right) - \frac{51}{10} = \left(-\frac{180}{110}\right) - \frac{561}{110} = \left(-\frac{741}{110}\right) = \left(-6\frac{81}{110}\right)$$

$$4. \quad \left(-1\frac{1}{4}\right) - \left(-4\frac{6}{11}\right) = \left(-\frac{5}{4}\right) - \left(-\frac{50}{11}\right) = \left(-\frac{55}{44}\right) - \left(-\frac{200}{44}\right) = \frac{145}{44} = 3\frac{13}{44}$$

$$5. \quad \left(-1\frac{5}{6}\right) - \frac{1}{5} = \left(-\frac{11}{6}\right) - \frac{1}{5} = \left(-\frac{55}{30}\right) - \frac{6}{30} = \left(-\frac{61}{30}\right) = \left(-2\frac{1}{30}\right)$$

$$6. \quad \left(-2\frac{2}{7}\right) - \left(-2\frac{7}{8}\right) = \left(-\frac{16}{7}\right) - \left(-\frac{23}{8}\right) = \left(-\frac{128}{56}\right) - \left(-\frac{161}{56}\right) = \frac{33}{56}$$

$$7. \quad \left(-5\frac{5}{6}\right) - \left(-4\frac{7}{11}\right) = \left(-\frac{35}{6}\right) - \left(-\frac{51}{11}\right) = \left(-\frac{385}{66}\right) - \left(-\frac{306}{66}\right) = \left(-\frac{79}{66}\right) = \left(-1\frac{13}{66}\right)$$

$$8. \quad \left(-1\frac{2}{11}\right) - 2\frac{1}{7} = \left(-\frac{13}{11}\right) - \frac{15}{7} = \left(-\frac{91}{77}\right) - \frac{165}{77} = \left(-\frac{256}{77}\right) = \left(-3\frac{25}{77}\right)$$

$$9. \quad \left(-3\frac{1}{2}\right) - 4\frac{2}{3} = \left(-\frac{7}{2}\right) - \frac{14}{3} = \left(-\frac{21}{6}\right) - \frac{28}{6} = \left(-\frac{49}{6}\right) = \left(-8\frac{1}{6}\right)$$

$$10. \quad \left(-2\frac{7}{8}\right) - 4\frac{1}{7} = \left(-\frac{23}{8}\right) - \frac{29}{7} = \left(-\frac{161}{56}\right) - \frac{232}{56} = \left(-\frac{393}{56}\right) = \left(-7\frac{1}{56}\right)$$

## Soustraire des fractions mixtes négatives (F)

Nom: \_\_\_\_\_

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

Note: \_\_\_\_\_

Calculez chaque différence.

1.  $\left(-2\frac{7}{10}\right) - 2\frac{2}{9} = \text{---} - \text{---} = \text{---} - \text{---} = \text{---} = \text{---}$

2.  $\left(-3\frac{3}{11}\right) - 4\frac{1}{2} = \text{---} - \text{---} = \text{---} - \text{---} = \text{---} = \text{---}$

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

4.  $\left(-5\frac{5}{6}\right) - \left(-5\frac{7}{11}\right) = \text{---} - \text{---} = \text{---} - \text{---} = \text{---}$

5.  $\left(-2\frac{9}{11}\right) - \left(-4\frac{1}{5}\right) = \text{---} - \text{---} = \text{---} - \text{---} = \text{---} = \text{---}$

6.  $\left(-5\frac{11}{12}\right) - 1\frac{2}{11} = \text{---} - \text{---} = \text{---} - \text{---} = \text{---} = \text{---}$

7.  $\left(-3\frac{1}{8}\right) - 5\frac{2}{5} = \text{---} - \text{---} = \text{---} - \text{---} = \text{---} = \text{---}$

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

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

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

## Soustraire des fractions mixtes négatives (F) Réponses

Nom: \_\_\_\_\_

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

Note: \_\_\_\_\_

Calculez chaque différence.

$$1. \quad \left(-2\frac{7}{10}\right) - 2\frac{2}{9} = \left(-\frac{27}{10}\right) - \frac{20}{9} = \left(-\frac{243}{90}\right) - \frac{200}{90} = \left(-\frac{443}{90}\right) = \left(-4\frac{83}{90}\right)$$

$$2. \quad \left(-3\frac{3}{11}\right) - 4\frac{1}{2} = \left(-\frac{36}{11}\right) - \frac{9}{2} = \left(-\frac{72}{22}\right) - \frac{99}{22} = \left(-\frac{171}{22}\right) = \left(-7\frac{17}{22}\right)$$

$$3. \quad \left(-3\frac{5}{9}\right) - 3\frac{1}{2} = \left(-\frac{32}{9}\right) - \frac{7}{2} = \left(-\frac{64}{18}\right) - \frac{63}{18} = \left(-\frac{127}{18}\right) = \left(-7\frac{1}{18}\right)$$

$$4. \quad \left(-5\frac{5}{6}\right) - \left(-5\frac{7}{11}\right) = \left(-\frac{35}{6}\right) - \left(-\frac{62}{11}\right) = \left(-\frac{385}{66}\right) - \left(-\frac{372}{66}\right) = \left(-\frac{13}{66}\right)$$

$$5. \quad \left(-2\frac{9}{11}\right) - \left(-4\frac{1}{5}\right) = \left(-\frac{31}{11}\right) - \left(-\frac{21}{5}\right) = \left(-\frac{155}{55}\right) - \left(-\frac{231}{55}\right) = \frac{76}{55} = 1\frac{21}{55}$$

$$6. \quad \left(-5\frac{11}{12}\right) - 1\frac{2}{11} = \left(-\frac{71}{12}\right) - \frac{13}{11} = \left(-\frac{781}{132}\right) - \frac{156}{132} = \left(-\frac{937}{132}\right) = \left(-7\frac{13}{132}\right)$$

$$7. \quad \left(-3\frac{1}{8}\right) - 5\frac{2}{5} = \left(-\frac{25}{8}\right) - \frac{27}{5} = \left(-\frac{125}{40}\right) - \frac{216}{40} = \left(-\frac{341}{40}\right) = \left(-8\frac{21}{40}\right)$$

$$8. \quad \left(-1\frac{1}{2}\right) - 1\frac{3}{5} = \left(-\frac{3}{2}\right) - \frac{8}{5} = \left(-\frac{15}{10}\right) - \frac{16}{10} = \left(-\frac{31}{10}\right) = \left(-3\frac{1}{10}\right)$$

$$9. \quad \left(-3\frac{1}{4}\right) - 2\frac{1}{3} = \left(-\frac{13}{4}\right) - \frac{7}{3} = \left(-\frac{39}{12}\right) - \frac{28}{12} = \left(-\frac{67}{12}\right) = \left(-5\frac{7}{12}\right)$$

$$10. \quad \left(-1\frac{1}{2}\right) - 5\frac{3}{5} = \left(-\frac{3}{2}\right) - \frac{28}{5} = \left(-\frac{15}{10}\right) - \frac{56}{10} = \left(-\frac{71}{10}\right) = \left(-7\frac{1}{10}\right)$$

## Soustraire des fractions mixtes négatives (G)

Nom: \_\_\_\_\_

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

Note: \_\_\_\_\_

Calculez chaque différence.

$$1. \quad \left(-3\frac{1}{8}\right) - 1\frac{1}{9} = \text{---} - \text{---} = \text{---} - \text{---} = \text{---} = \text{---}$$

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

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

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

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

$$6. \quad \left(-4\frac{2}{3}\right) - 2\frac{4}{5} = \text{---} - \text{---} = \text{---} - \text{---} = \text{---} = \text{---}$$

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

$$8. \quad \left(-3\frac{7}{9}\right) - \left(-4\frac{1}{11}\right) = \text{---} - \text{---} = \text{---} - \text{---} = \text{---}$$

$$9. \quad \left(-3\frac{6}{7}\right) - \frac{1}{5} = \text{---} - \text{---} = \text{---} - \text{---} = \text{---} = \text{---}$$

$$10. \quad \left(-1\frac{2}{3}\right) - \left(-4\frac{4}{7}\right) = \text{---} - \text{---} = \text{---} - \text{---} = \text{---} = \text{---}$$

## Soustraire des fractions mixtes négatives (G) Réponses

Nom: \_\_\_\_\_

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

Note: \_\_\_\_\_

Calculez chaque différence.

$$1. \quad \left(-3\frac{1}{8}\right) - 1\frac{1}{9} = \left(-\frac{25}{8}\right) - \frac{10}{9} = \left(-\frac{225}{72}\right) - \frac{80}{72} = \left(-\frac{305}{72}\right) = \left(-4\frac{17}{72}\right)$$

$$2. \quad \left(-5\frac{2}{3}\right) - \left(-4\frac{4}{5}\right) = \left(-\frac{17}{3}\right) - \left(-\frac{24}{5}\right) = \left(-\frac{85}{15}\right) - \left(-\frac{72}{15}\right) = \left(-\frac{13}{15}\right)$$

$$3. \quad \left(-1\frac{3}{4}\right) - 2\frac{5}{9} = \left(-\frac{7}{4}\right) - \frac{23}{9} = \left(-\frac{63}{36}\right) - \frac{92}{36} = \left(-\frac{155}{36}\right) = \left(-4\frac{11}{36}\right)$$

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

$$5. \quad \left(-2\frac{1}{10}\right) - \frac{1}{3} = \left(-\frac{21}{10}\right) - \frac{1}{3} = \left(-\frac{63}{30}\right) - \frac{10}{30} = \left(-\frac{73}{30}\right) = \left(-2\frac{13}{30}\right)$$

$$6. \quad \left(-4\frac{2}{3}\right) - 2\frac{4}{5} = \left(-\frac{14}{3}\right) - \frac{14}{5} = \left(-\frac{70}{15}\right) - \frac{42}{15} = \left(-\frac{112}{15}\right) = \left(-7\frac{7}{15}\right)$$

$$7. \quad \left(-2\frac{3}{5}\right) - \frac{1}{2} = \left(-\frac{13}{5}\right) - \frac{1}{2} = \left(-\frac{26}{10}\right) - \frac{5}{10} = \left(-\frac{31}{10}\right) = \left(-3\frac{1}{10}\right)$$

$$8. \quad \left(-3\frac{7}{9}\right) - \left(-4\frac{1}{11}\right) = \left(-\frac{34}{9}\right) - \left(-\frac{45}{11}\right) = \left(-\frac{374}{99}\right) - \left(-\frac{405}{99}\right) = \frac{31}{99}$$

$$9. \quad \left(-3\frac{6}{7}\right) - \frac{1}{5} = \left(-\frac{27}{7}\right) - \frac{1}{5} = \left(-\frac{135}{35}\right) - \frac{7}{35} = \left(-\frac{142}{35}\right) = \left(-4\frac{2}{35}\right)$$

$$10. \quad \left(-1\frac{2}{3}\right) - \left(-4\frac{4}{7}\right) = \left(-\frac{5}{3}\right) - \left(-\frac{32}{7}\right) = \left(-\frac{35}{21}\right) - \left(-\frac{96}{21}\right) = \frac{61}{21} = 2\frac{19}{21}$$

## Soustraire des fractions mixtes négatives (H)

Nom: \_\_\_\_\_

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

Note: \_\_\_\_\_

Calculez chaque différence.

1.  $\left(-2\frac{1}{2}\right) - 2\frac{7}{11} = \text{---} - \text{---} = \text{---} - \text{---} = \text{---} = \text{---}$

2.  $\left(-4\frac{6}{11}\right) - \frac{4}{7} = \text{---} - \text{---} = \text{---} - \text{---} = \text{---} = \text{---}$

3.  $\left(-3\frac{7}{8}\right) - 4\frac{6}{7} = \text{---} - \text{---} = \text{---} - \text{---} = \text{---} = \text{---}$

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

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

6.  $\left(-5\frac{11}{12}\right) - \frac{5}{11} = \text{---} - \text{---} = \text{---} - \text{---} = \text{---} = \text{---}$

7.  $\left(-4\frac{2}{7}\right) - \left(-2\frac{3}{11}\right) = \text{---} - \text{---} = \text{---} - \text{---} = \text{---} = \text{---}$

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

9.  $\left(-4\frac{3}{11}\right) - \left(-3\frac{9}{10}\right) = \text{---} - \text{---} = \text{---} - \text{---} = \text{---}$

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

## Soustraire des fractions mixtes négatives (H) Réponses

Nom: \_\_\_\_\_

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

Note: \_\_\_\_\_

Calculez chaque différence.

$$1. \quad \left(-2\frac{1}{2}\right) - 2\frac{7}{11} = \left(-\frac{5}{2}\right) - \frac{29}{11} = \left(-\frac{55}{22}\right) - \frac{58}{22} = \left(-\frac{113}{22}\right) = \left(-5\frac{3}{22}\right)$$

$$2. \quad \left(-4\frac{6}{11}\right) - \frac{4}{7} = \left(-\frac{50}{11}\right) - \frac{4}{7} = \left(-\frac{350}{77}\right) - \frac{44}{77} = \left(-\frac{394}{77}\right) = \left(-5\frac{9}{77}\right)$$

$$3. \quad \left(-3\frac{7}{8}\right) - 4\frac{6}{7} = \left(-\frac{31}{8}\right) - \frac{34}{7} = \left(-\frac{217}{56}\right) - \frac{272}{56} = \left(-\frac{489}{56}\right) = \left(-8\frac{41}{56}\right)$$

$$4. \quad \left(-1\frac{3}{4}\right) - \left(-3\frac{1}{9}\right) = \left(-\frac{7}{4}\right) - \left(-\frac{28}{9}\right) = \left(-\frac{63}{36}\right) - \left(-\frac{112}{36}\right) = \frac{49}{36} = 1\frac{13}{36}$$

$$5. \quad \left(-1\frac{1}{2}\right) - 1\frac{1}{7} = \left(-\frac{3}{2}\right) - \frac{8}{7} = \left(-\frac{21}{14}\right) - \frac{16}{14} = \left(-\frac{37}{14}\right) = \left(-2\frac{9}{14}\right)$$

$$6. \quad \left(-5\frac{11}{12}\right) - \frac{5}{11} = \left(-\frac{71}{12}\right) - \frac{5}{11} = \left(-\frac{781}{132}\right) - \frac{60}{132} = \left(-\frac{841}{132}\right) = \left(-6\frac{49}{132}\right)$$

$$7. \quad \left(-4\frac{2}{7}\right) - \left(-2\frac{3}{11}\right) = \left(-\frac{30}{7}\right) - \left(-\frac{25}{11}\right) = \left(-\frac{330}{77}\right) - \left(-\frac{175}{77}\right) = \left(-\frac{155}{77}\right) = \left(-2\frac{1}{77}\right)$$

$$8. \quad \left(-1\frac{1}{8}\right) - \frac{2}{3} = \left(-\frac{9}{8}\right) - \frac{2}{3} = \left(-\frac{27}{24}\right) - \frac{16}{24} = \left(-\frac{43}{24}\right) = \left(-1\frac{19}{24}\right)$$

$$9. \quad \left(-4\frac{3}{11}\right) - \left(-3\frac{9}{10}\right) = \left(-\frac{47}{11}\right) - \left(-\frac{39}{10}\right) = \left(-\frac{470}{110}\right) - \left(-\frac{429}{110}\right) = \left(-\frac{41}{110}\right)$$

$$10. \quad \left(-5\frac{1}{2}\right) - \frac{2}{7} = \left(-\frac{11}{2}\right) - \frac{2}{7} = \left(-\frac{77}{14}\right) - \frac{4}{14} = \left(-\frac{81}{14}\right) = \left(-5\frac{11}{14}\right)$$



## Soustraire des fractions mixtes négatives (I)

Nom: \_\_\_\_\_

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

Note: \_\_\_\_\_

Calculez chaque différence.

$$1. \left(-1\frac{1}{11}\right) - \left(-2\frac{3}{5}\right) = \text{---} - \text{---} = \text{---} - \text{---} = \text{---} = \text{---}$$

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

$$3. \left(-2\frac{5}{7}\right) - \left(-4\frac{9}{11}\right) = \text{---} - \text{---} = \text{---} - \text{---} = \text{---} = \text{---}$$

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

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

$$6. \left(-3\frac{1}{4}\right) - 2\frac{8}{9} = \text{---} - \text{---} = \text{---} - \text{---} = \text{---} = \text{---}$$

$$7. \left(-5\frac{7}{9}\right) - \left(-4\frac{5}{7}\right) = \text{---} - \text{---} = \text{---} - \text{---} = \text{---} = \text{---}$$

$$8. \left(-1\frac{1}{2}\right) - 5\frac{2}{9} = \text{---} - \text{---} = \text{---} - \text{---} = \text{---} = \text{---}$$

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

$$10. \left(-1\frac{1}{6}\right) - \frac{1}{7} = \text{---} - \text{---} = \text{---} - \text{---} = \text{---} = \text{---}$$

## Soustraire des fractions mixtes négatives (I) Réponses

Nom: \_\_\_\_\_

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

Note: \_\_\_\_\_

Calculez chaque différence.

$$1. \left(-1\frac{1}{11}\right) - \left(-2\frac{3}{5}\right) = \left(-\frac{12}{11}\right) - \left(-\frac{13}{5}\right) = \left(-\frac{60}{55}\right) - \left(-\frac{143}{55}\right) = \frac{83}{55} = 1\frac{28}{55}$$

$$2. \left(-1\frac{1}{4}\right) - \frac{1}{5} = \left(-\frac{5}{4}\right) - \frac{1}{5} = \left(-\frac{25}{20}\right) - \frac{4}{20} = \left(-\frac{29}{20}\right) = \left(-1\frac{9}{20}\right)$$

$$3. \left(-2\frac{5}{7}\right) - \left(-4\frac{9}{11}\right) = \left(-\frac{19}{7}\right) - \left(-\frac{53}{11}\right) = \left(-\frac{209}{77}\right) - \left(-\frac{371}{77}\right) = \frac{162}{77} = 2\frac{8}{77}$$

$$4. \left(-5\frac{1}{2}\right) - 3\frac{2}{7} = \left(-\frac{11}{2}\right) - \frac{23}{7} = \left(-\frac{77}{14}\right) - \frac{46}{14} = \left(-\frac{123}{14}\right) = \left(-8\frac{11}{14}\right)$$

$$5. \left(-1\frac{2}{5}\right) - 2\frac{1}{6} = \left(-\frac{7}{5}\right) - \frac{13}{6} = \left(-\frac{42}{30}\right) - \frac{65}{30} = \left(-\frac{107}{30}\right) = \left(-3\frac{17}{30}\right)$$

$$6. \left(-3\frac{1}{4}\right) - 2\frac{8}{9} = \left(-\frac{13}{4}\right) - \frac{26}{9} = \left(-\frac{117}{36}\right) - \frac{104}{36} = \left(-\frac{221}{36}\right) = \left(-6\frac{5}{36}\right)$$

$$7. \left(-5\frac{7}{9}\right) - \left(-4\frac{5}{7}\right) = \left(-\frac{52}{9}\right) - \left(-\frac{33}{7}\right) = \left(-\frac{364}{63}\right) - \left(-\frac{297}{63}\right) = \left(-\frac{67}{63}\right) = \left(-1\frac{4}{63}\right)$$

$$8. \left(-1\frac{1}{2}\right) - 5\frac{2}{9} = \left(-\frac{3}{2}\right) - \frac{47}{9} = \left(-\frac{27}{18}\right) - \frac{94}{18} = \left(-\frac{121}{18}\right) = \left(-6\frac{13}{18}\right)$$

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

$$10. \left(-1\frac{1}{6}\right) - \frac{1}{7} = \left(-\frac{7}{6}\right) - \frac{1}{7} = \left(-\frac{49}{42}\right) - \frac{6}{42} = \left(-\frac{55}{42}\right) = \left(-1\frac{13}{42}\right)$$

## Soustraire des fractions mixtes négatives (J)

Nom: \_\_\_\_\_

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

Note: \_\_\_\_\_

Calculez chaque différence.

1.  $\left(-2\frac{1}{12}\right) - 5\frac{4}{7} = \text{---} - \text{---} = \text{---} - \text{---} = \text{---} = \text{---}$

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

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

4.  $\left(-4\frac{5}{11}\right) - \left(-5\frac{2}{5}\right) = \text{---} - \text{---} = \text{---} - \text{---} = \text{---}$

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

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

7.  $\left(-5\frac{7}{12}\right) - 2\frac{3}{7} = \text{---} - \text{---} = \text{---} - \text{---} = \text{---} = \text{---}$

8.  $\left(-4\frac{3}{4}\right) - \frac{3}{5} = \text{---} - \text{---} = \text{---} - \text{---} = \text{---} = \text{---}$

9.  $\left(-5\frac{8}{11}\right) - \left(-2\frac{1}{6}\right) = \text{---} - \text{---} = \text{---} - \text{---} = \text{---} = \text{---}$

10.  $\left(-4\frac{3}{8}\right) - \frac{7}{9} = \text{---} - \text{---} = \text{---} - \text{---} = \text{---} = \text{---}$

## Soustraire des fractions mixtes négatives (J) Réponses

Nom: \_\_\_\_\_

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

Note: \_\_\_\_\_

Calculez chaque différence.

$$1. \quad \left(-2\frac{1}{12}\right) - 5\frac{4}{7} = \left(-\frac{25}{12}\right) - \frac{39}{7} = \left(-\frac{175}{84}\right) - \frac{468}{84} = \left(-\frac{643}{84}\right) = \left(-7\frac{55}{84}\right)$$

$$2. \quad \left(-2\frac{5}{9}\right) - \frac{1}{4} = \left(-\frac{23}{9}\right) - \frac{1}{4} = \left(-\frac{92}{36}\right) - \frac{9}{36} = \left(-\frac{101}{36}\right) = \left(-2\frac{29}{36}\right)$$

$$3. \quad \left(-5\frac{1}{3}\right) - \left(-5\frac{1}{2}\right) = \left(-\frac{16}{3}\right) - \left(-\frac{11}{2}\right) = \left(-\frac{32}{6}\right) - \left(-\frac{33}{6}\right) = \frac{1}{6}$$

$$4. \quad \left(-4\frac{5}{11}\right) - \left(-5\frac{2}{5}\right) = \left(-\frac{49}{11}\right) - \left(-\frac{27}{5}\right) = \left(-\frac{245}{55}\right) - \left(-\frac{297}{55}\right) = \frac{52}{55}$$

$$5. \quad \left(-4\frac{4}{9}\right) - \left(-5\frac{1}{4}\right) = \left(-\frac{40}{9}\right) - \left(-\frac{21}{4}\right) = \left(-\frac{160}{36}\right) - \left(-\frac{189}{36}\right) = \frac{29}{36}$$

$$6. \quad \left(-1\frac{1}{5}\right) - \left(-1\frac{4}{9}\right) = \left(-\frac{6}{5}\right) - \left(-\frac{13}{9}\right) = \left(-\frac{54}{45}\right) - \left(-\frac{65}{45}\right) = \frac{11}{45}$$

$$7. \quad \left(-5\frac{7}{12}\right) - 2\frac{3}{7} = \left(-\frac{67}{12}\right) - \frac{17}{7} = \left(-\frac{469}{84}\right) - \frac{204}{84} = \left(-\frac{673}{84}\right) = \left(-8\frac{1}{84}\right)$$

$$8. \quad \left(-4\frac{3}{4}\right) - \frac{3}{5} = \left(-\frac{19}{4}\right) - \frac{3}{5} = \left(-\frac{95}{20}\right) - \frac{12}{20} = \left(-\frac{107}{20}\right) = \left(-5\frac{7}{20}\right)$$

$$9. \quad \left(-5\frac{8}{11}\right) - \left(-2\frac{1}{6}\right) = \left(-\frac{63}{11}\right) - \left(-\frac{13}{6}\right) = \left(-\frac{378}{66}\right) - \left(-\frac{143}{66}\right) = \left(-\frac{235}{66}\right) = \left(-3\frac{37}{66}\right)$$

$$10. \quad \left(-4\frac{3}{8}\right) - \frac{7}{9} = \left(-\frac{35}{8}\right) - \frac{7}{9} = \left(-\frac{315}{72}\right) - \frac{56}{72} = \left(-\frac{371}{72}\right) = \left(-5\frac{11}{72}\right)$$