

## Soustraire des fractions mixtes négatives (A)

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

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

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

Calculez chaque différence.

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

## Soustraire des fractions mixtes négatives (A) Réponses

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

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

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

Calculez chaque différence.

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

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

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

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

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

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

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

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

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

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

## Soustraire des fractions mixtes négatives (B)

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

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

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

Calculez chaque différence.

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

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

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

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

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

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

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

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

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

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

## Soustraire des fractions mixtes négatives (B) Réponses

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

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

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

Calculez chaque différence.

$$1. \quad \left(-1\frac{1}{3}\right) - 2\frac{1}{2} = \left(-\frac{4}{3}\right) - \frac{5}{2} = \left(-\frac{8}{6}\right) - \frac{15}{6} = \left(-\frac{23}{6}\right) = \left(-3\frac{5}{6}\right)$$

$$2. \quad \left(-1\frac{2}{3}\right) - 3\frac{2}{5} = \left(-\frac{5}{3}\right) - \frac{17}{5} = \left(-\frac{25}{15}\right) - \frac{51}{15} = \left(-\frac{76}{15}\right) = \left(-5\frac{1}{15}\right)$$

$$3. \quad \left(-1\frac{2}{3}\right) - \frac{1}{2} = \left(-\frac{5}{3}\right) - \frac{1}{2} = \left(-\frac{10}{6}\right) - \frac{3}{6} = \left(-\frac{13}{6}\right) = \left(-2\frac{1}{6}\right)$$

$$4. \quad \left(-3\frac{3}{5}\right) - \left(-3\frac{5}{6}\right) = \left(-\frac{18}{5}\right) - \left(-\frac{23}{6}\right) = \left(-\frac{108}{30}\right) - \left(-\frac{115}{30}\right) = \frac{7}{30}$$

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

$$6. \quad \left(-3\frac{1}{6}\right) - \left(-3\frac{4}{5}\right) = \left(-\frac{19}{6}\right) - \left(-\frac{19}{5}\right) = \left(-\frac{95}{30}\right) - \left(-\frac{114}{30}\right) = \frac{19}{30}$$

$$7. \quad \left(-4\frac{4}{5}\right) - \frac{1}{4} = \left(-\frac{24}{5}\right) - \frac{1}{4} = \left(-\frac{96}{20}\right) - \frac{5}{20} = \left(-\frac{101}{20}\right) = \left(-5\frac{1}{20}\right)$$

$$8. \quad \left(-1\frac{1}{4}\right) - 1\frac{1}{5} = \left(-\frac{5}{4}\right) - \frac{6}{5} = \left(-\frac{25}{20}\right) - \frac{24}{20} = \left(-\frac{49}{20}\right) = \left(-2\frac{9}{20}\right)$$

$$9. \quad \left(-1\frac{2}{5}\right) - \frac{3}{4} = \left(-\frac{7}{5}\right) - \frac{3}{4} = \left(-\frac{28}{20}\right) - \frac{15}{20} = \left(-\frac{43}{20}\right) = \left(-2\frac{3}{20}\right)$$

$$10. \quad \left(-1\frac{4}{5}\right) - \left(-1\frac{3}{4}\right) = \left(-\frac{9}{5}\right) - \left(-\frac{7}{4}\right) = \left(-\frac{36}{20}\right) - \left(-\frac{35}{20}\right) = \left(-\frac{1}{20}\right)$$

## Soustraire des fractions mixtes négatives (C)

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

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

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

Calculez chaque différence.

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

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

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

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

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

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

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

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

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

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

## Soustraire des fractions mixtes négatives (C) Réponses

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

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

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

Calculez chaque différence.

$$1. \quad \left(-3\frac{1}{5}\right) - \left(-1\frac{1}{3}\right) = \left(-\frac{16}{5}\right) - \left(-\frac{4}{3}\right) = \left(-\frac{48}{15}\right) - \left(-\frac{20}{15}\right) = \left(-\frac{28}{15}\right) = \left(-1\frac{13}{15}\right)$$

$$2. \quad \left(-2\frac{1}{3}\right) - 3\frac{2}{5} = \left(-\frac{7}{3}\right) - \frac{17}{5} = \left(-\frac{35}{15}\right) - \frac{51}{15} = \left(-\frac{86}{15}\right) = \left(-5\frac{11}{15}\right)$$

$$3. \quad \left(-1\frac{1}{3}\right) - 2\frac{1}{2} = \left(-\frac{4}{3}\right) - \frac{5}{2} = \left(-\frac{8}{6}\right) - \frac{15}{6} = \left(-\frac{23}{6}\right) = \left(-3\frac{5}{6}\right)$$

$$4. \quad \left(-4\frac{4}{5}\right) - \frac{1}{4} = \left(-\frac{24}{5}\right) - \frac{1}{4} = \left(-\frac{96}{20}\right) - \frac{5}{20} = \left(-\frac{101}{20}\right) = \left(-5\frac{1}{20}\right)$$

$$5. \quad \left(-2\frac{1}{5}\right) - 3\frac{2}{3} = \left(-\frac{11}{5}\right) - \frac{11}{3} = \left(-\frac{33}{15}\right) - \frac{55}{15} = \left(-\frac{88}{15}\right) = \left(-5\frac{13}{15}\right)$$

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

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

$$8. \quad \left(-4\frac{1}{4}\right) - \left(-2\frac{2}{3}\right) = \left(-\frac{17}{4}\right) - \left(-\frac{8}{3}\right) = \left(-\frac{51}{12}\right) - \left(-\frac{32}{12}\right) = \left(-\frac{19}{12}\right) = \left(-1\frac{7}{12}\right)$$

$$9. \quad \left(-4\frac{3}{5}\right) - 4\frac{1}{4} = \left(-\frac{23}{5}\right) - \frac{17}{4} = \left(-\frac{92}{20}\right) - \frac{85}{20} = \left(-\frac{177}{20}\right) = \left(-8\frac{17}{20}\right)$$

$$10. \quad \left(-4\frac{3}{4}\right) - 1\frac{1}{3} = \left(-\frac{19}{4}\right) - \frac{4}{3} = \left(-\frac{57}{12}\right) - \frac{16}{12} = \left(-\frac{73}{12}\right) = \left(-6\frac{1}{12}\right)$$

## Soustraire des fractions mixtes négatives (D)

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

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

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

Calculez chaque différence.

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

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

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

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

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

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

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

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

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

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

## Soustraire des fractions mixtes négatives (D) Réponses

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

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

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

Calculez chaque différence.

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

$$2. \quad \left(-2\frac{5}{6}\right) - \frac{1}{5} = \left(-\frac{17}{6}\right) - \frac{1}{5} = \left(-\frac{85}{30}\right) - \frac{6}{30} = \left(-\frac{91}{30}\right) = \left(-3\frac{1}{30}\right)$$

$$3. \quad \left(-2\frac{2}{3}\right) - \left(-2\frac{1}{2}\right) = \left(-\frac{8}{3}\right) - \left(-\frac{5}{2}\right) = \left(-\frac{16}{6}\right) - \left(-\frac{15}{6}\right) = \left(-\frac{1}{6}\right)$$

$$4. \quad \left(-5\frac{1}{2}\right) - \left(-4\frac{4}{5}\right) = \left(-\frac{11}{2}\right) - \left(-\frac{24}{5}\right) = \left(-\frac{55}{10}\right) - \left(-\frac{48}{10}\right) = \left(-\frac{7}{10}\right)$$

$$5. \quad \left(-1\frac{3}{4}\right) - \left(-5\frac{1}{3}\right) = \left(-\frac{7}{4}\right) - \left(-\frac{16}{3}\right) = \left(-\frac{21}{12}\right) - \left(-\frac{64}{12}\right) = \frac{43}{12} = 3\frac{7}{12}$$

$$6. \quad \left(-4\frac{1}{3}\right) - \left(-3\frac{1}{4}\right) = \left(-\frac{13}{3}\right) - \left(-\frac{13}{4}\right) = \left(-\frac{52}{12}\right) - \left(-\frac{39}{12}\right) = \left(-\frac{13}{12}\right) = \left(-1\frac{1}{12}\right)$$

$$7. \quad \left(-5\frac{1}{2}\right) - 3\frac{2}{5} = \left(-\frac{11}{2}\right) - \frac{17}{5} = \left(-\frac{55}{10}\right) - \frac{34}{10} = \left(-\frac{89}{10}\right) = \left(-8\frac{9}{10}\right)$$

$$8. \quad \left(-2\frac{3}{4}\right) - \frac{2}{3} = \left(-\frac{11}{4}\right) - \frac{2}{3} = \left(-\frac{33}{12}\right) - \frac{8}{12} = \left(-\frac{41}{12}\right) = \left(-3\frac{5}{12}\right)$$

$$9. \quad \left(-5\frac{2}{3}\right) - 2\frac{1}{2} = \left(-\frac{17}{3}\right) - \frac{5}{2} = \left(-\frac{34}{6}\right) - \frac{15}{6} = \left(-\frac{49}{6}\right) = \left(-8\frac{1}{6}\right)$$

$$10. \quad \left(-5\frac{1}{2}\right) - \left(-2\frac{4}{5}\right) = \left(-\frac{11}{2}\right) - \left(-\frac{14}{5}\right) = \left(-\frac{55}{10}\right) - \left(-\frac{28}{10}\right) = \left(-\frac{27}{10}\right) = \left(-2\frac{7}{10}\right)$$



## Soustraire des fractions mixtes négatives (E)

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

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

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

Calculez chaque différence.

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

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

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

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

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

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

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

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

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

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

## Soustraire des fractions mixtes négatives (E) Réponses

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

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

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

Calculez chaque différence.

$$1. \left(-1\frac{3}{4}\right) - \left(-4\frac{2}{5}\right) = \left(-\frac{7}{4}\right) - \left(-\frac{22}{5}\right) = \left(-\frac{35}{20}\right) - \left(-\frac{88}{20}\right) = \frac{53}{20} = 2\frac{13}{20}$$

$$2. \left(-5\frac{1}{2}\right) - \frac{4}{5} = \left(-\frac{11}{2}\right) - \frac{4}{5} = \left(-\frac{55}{10}\right) - \frac{8}{10} = \left(-\frac{63}{10}\right) = \left(-6\frac{3}{10}\right)$$

$$3. \left(-3\frac{1}{4}\right) - 2\frac{2}{5} = \left(-\frac{13}{4}\right) - \frac{12}{5} = \left(-\frac{65}{20}\right) - \frac{48}{20} = \left(-\frac{113}{20}\right) = \left(-5\frac{13}{20}\right)$$

$$4. \left(-2\frac{1}{2}\right) - \left(-3\frac{4}{5}\right) = \left(-\frac{5}{2}\right) - \left(-\frac{19}{5}\right) = \left(-\frac{25}{10}\right) - \left(-\frac{38}{10}\right) = \frac{13}{10} = 1\frac{3}{10}$$

$$5. \left(-5\frac{1}{2}\right) - \left(-5\frac{2}{3}\right) = \left(-\frac{11}{2}\right) - \left(-\frac{17}{3}\right) = \left(-\frac{33}{6}\right) - \left(-\frac{34}{6}\right) = \frac{1}{6}$$

$$6. \left(-3\frac{3}{5}\right) - \left(-4\frac{1}{2}\right) = \left(-\frac{18}{5}\right) - \left(-\frac{9}{2}\right) = \left(-\frac{36}{10}\right) - \left(-\frac{45}{10}\right) = \frac{9}{10}$$

$$7. \left(-1\frac{1}{2}\right) - 4\frac{2}{3} = \left(-\frac{3}{2}\right) - \frac{14}{3} = \left(-\frac{9}{6}\right) - \frac{28}{6} = \left(-\frac{37}{6}\right) = \left(-6\frac{1}{6}\right)$$

$$8. \left(-3\frac{1}{4}\right) - 2\frac{4}{5} = \left(-\frac{13}{4}\right) - \frac{14}{5} = \left(-\frac{65}{20}\right) - \frac{56}{20} = \left(-\frac{121}{20}\right) = \left(-6\frac{1}{20}\right)$$

$$9. \left(-1\frac{4}{5}\right) - \frac{2}{3} = \left(-\frac{9}{5}\right) - \frac{2}{3} = \left(-\frac{27}{15}\right) - \frac{10}{15} = \left(-\frac{37}{15}\right) = \left(-2\frac{7}{15}\right)$$

$$10. \left(-3\frac{1}{2}\right) - \left(-1\frac{2}{3}\right) = \left(-\frac{7}{2}\right) - \left(-\frac{5}{3}\right) = \left(-\frac{21}{6}\right) - \left(-\frac{10}{6}\right) = \left(-\frac{11}{6}\right) = \left(-1\frac{5}{6}\right)$$

## Soustraire des fractions mixtes négatives (F)

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

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

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

Calculez chaque différence.

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

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

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

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

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

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

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

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

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

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

## Soustraire des fractions mixtes négatives (F) Réponses

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

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

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

Calculez chaque différence.

$$1. \quad \left(-5\frac{1}{2}\right) - \frac{2}{3} = \left(-\frac{11}{2}\right) - \frac{2}{3} = \left(-\frac{33}{6}\right) - \frac{4}{6} = \left(-\frac{37}{6}\right) = \left(-6\frac{1}{6}\right)$$

$$2. \quad \left(-5\frac{1}{3}\right) - \frac{1}{2} = \left(-\frac{16}{3}\right) - \frac{1}{2} = \left(-\frac{32}{6}\right) - \frac{3}{6} = \left(-\frac{35}{6}\right) = \left(-5\frac{5}{6}\right)$$

$$3. \quad \left(-2\frac{5}{6}\right) - \left(-4\frac{4}{5}\right) = \left(-\frac{17}{6}\right) - \left(-\frac{24}{5}\right) = \left(-\frac{85}{30}\right) - \left(-\frac{144}{30}\right) = \frac{59}{30} = 1\frac{29}{30}$$

$$4. \quad \left(-5\frac{4}{5}\right) - 1\frac{2}{3} = \left(-\frac{29}{5}\right) - \frac{5}{3} = \left(-\frac{87}{15}\right) - \frac{25}{15} = \left(-\frac{112}{15}\right) = \left(-7\frac{7}{15}\right)$$

$$5. \quad \left(-2\frac{3}{5}\right) - 5\frac{2}{3} = \left(-\frac{13}{5}\right) - \frac{17}{3} = \left(-\frac{39}{15}\right) - \frac{85}{15} = \left(-\frac{124}{15}\right) = \left(-8\frac{4}{15}\right)$$

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

$$7. \quad \left(-4\frac{1}{2}\right) - \left(-5\frac{1}{3}\right) = \left(-\frac{9}{2}\right) - \left(-\frac{16}{3}\right) = \left(-\frac{27}{6}\right) - \left(-\frac{32}{6}\right) = \frac{5}{6}$$

$$8. \quad \left(-2\frac{1}{2}\right) - \frac{1}{5} = \left(-\frac{5}{2}\right) - \frac{1}{5} = \left(-\frac{25}{10}\right) - \frac{2}{10} = \left(-\frac{27}{10}\right) = \left(-2\frac{7}{10}\right)$$

$$9. \quad \left(-4\frac{1}{2}\right) - \left(-1\frac{2}{3}\right) = \left(-\frac{9}{2}\right) - \left(-\frac{5}{3}\right) = \left(-\frac{27}{6}\right) - \left(-\frac{10}{6}\right) = \left(-\frac{17}{6}\right) = \left(-2\frac{5}{6}\right)$$

$$10. \quad \left(-4\frac{1}{4}\right) - 4\frac{2}{5} = \left(-\frac{17}{4}\right) - \frac{22}{5} = \left(-\frac{85}{20}\right) - \frac{88}{20} = \left(-\frac{173}{20}\right) = \left(-8\frac{13}{20}\right)$$

## Soustraire des fractions mixtes négatives (G)

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

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

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

Calculez chaque différence.

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

## Soustraire des fractions mixtes négatives (G) Réponses

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

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

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

Calculez chaque différence.

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

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

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

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

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

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

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

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

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

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

## Soustraire des fractions mixtes négatives (H)

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

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

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

Calculez chaque différence.

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

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

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

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

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

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

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

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

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

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

## Soustraire des fractions mixtes négatives (H) Réponses

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

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

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

Calculez chaque différence.

$$1. \quad \left(-2\frac{5}{6}\right) - 1\frac{1}{5} = \left(-\frac{17}{6}\right) - \frac{6}{5} = \left(-\frac{85}{30}\right) - \frac{36}{30} = \left(-\frac{121}{30}\right) = \left(-4\frac{1}{30}\right)$$

$$2. \quad \left(-4\frac{1}{2}\right) - \frac{1}{3} = \left(-\frac{9}{2}\right) - \frac{1}{3} = \left(-\frac{27}{6}\right) - \frac{2}{6} = \left(-\frac{29}{6}\right) = \left(-4\frac{5}{6}\right)$$

$$3. \quad \left(-1\frac{3}{4}\right) - \left(-4\frac{2}{3}\right) = \left(-\frac{7}{4}\right) - \left(-\frac{14}{3}\right) = \left(-\frac{21}{12}\right) - \left(-\frac{56}{12}\right) = \frac{35}{12} = 2\frac{11}{12}$$

$$4. \quad \left(-1\frac{4}{5}\right) - \left(-1\frac{1}{3}\right) = \left(-\frac{9}{5}\right) - \left(-\frac{4}{3}\right) = \left(-\frac{27}{15}\right) - \left(-\frac{20}{15}\right) = \left(-\frac{7}{15}\right)$$

$$5. \quad \left(-4\frac{1}{4}\right) - \left(-4\frac{2}{3}\right) = \left(-\frac{17}{4}\right) - \left(-\frac{14}{3}\right) = \left(-\frac{51}{12}\right) - \left(-\frac{56}{12}\right) = \frac{5}{12}$$

$$6. \quad \left(-1\frac{1}{3}\right) - 3\frac{3}{4} = \left(-\frac{4}{3}\right) - \frac{15}{4} = \left(-\frac{16}{12}\right) - \frac{45}{12} = \left(-\frac{61}{12}\right) = \left(-5\frac{1}{12}\right)$$

$$7. \quad \left(-2\frac{2}{3}\right) - \left(-5\frac{1}{2}\right) = \left(-\frac{8}{3}\right) - \left(-\frac{11}{2}\right) = \left(-\frac{16}{6}\right) - \left(-\frac{33}{6}\right) = \frac{17}{6} = 2\frac{5}{6}$$

$$8. \quad \left(-3\frac{1}{4}\right) - 1\frac{1}{3} = \left(-\frac{13}{4}\right) - \frac{4}{3} = \left(-\frac{39}{12}\right) - \frac{16}{12} = \left(-\frac{55}{12}\right) = \left(-4\frac{7}{12}\right)$$

$$9. \quad \left(-5\frac{5}{6}\right) - \frac{4}{5} = \left(-\frac{35}{6}\right) - \frac{4}{5} = \left(-\frac{175}{30}\right) - \frac{24}{30} = \left(-\frac{199}{30}\right) = \left(-6\frac{19}{30}\right)$$

$$10. \quad \left(-2\frac{1}{6}\right) - \frac{3}{5} = \left(-\frac{13}{6}\right) - \frac{3}{5} = \left(-\frac{65}{30}\right) - \frac{18}{30} = \left(-\frac{83}{30}\right) = \left(-2\frac{23}{30}\right)$$



## Soustraire des fractions mixtes négatives (I)

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

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

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

Calculez chaque différence.

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

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

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

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

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

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

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

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

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

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

## Soustraire des fractions mixtes négatives (I) Réponses

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

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

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

Calculez chaque différence.

$$1. \left(-4\frac{4}{5}\right) - \left(-3\frac{2}{3}\right) = \left(-\frac{24}{5}\right) - \left(-\frac{11}{3}\right) = \left(-\frac{72}{15}\right) - \left(-\frac{55}{15}\right) = \left(-\frac{17}{15}\right) = \left(-1\frac{2}{15}\right)$$

$$2. \left(-1\frac{1}{6}\right) - \frac{4}{5} = \left(-\frac{7}{6}\right) - \frac{4}{5} = \left(-\frac{35}{30}\right) - \frac{24}{30} = \left(-\frac{59}{30}\right) = \left(-1\frac{29}{30}\right)$$

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

$$4. \left(-5\frac{1}{2}\right) - \frac{1}{3} = \left(-\frac{11}{2}\right) - \frac{1}{3} = \left(-\frac{33}{6}\right) - \frac{2}{6} = \left(-\frac{35}{6}\right) = \left(-5\frac{5}{6}\right)$$

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

$$6. \left(-2\frac{4}{5}\right) - \left(-3\frac{2}{3}\right) = \left(-\frac{14}{5}\right) - \left(-\frac{11}{3}\right) = \left(-\frac{42}{15}\right) - \left(-\frac{55}{15}\right) = \frac{13}{15}$$

$$7. \left(-4\frac{1}{2}\right) - 3\frac{1}{3} = \left(-\frac{9}{2}\right) - \frac{10}{3} = \left(-\frac{27}{6}\right) - \frac{20}{6} = \left(-\frac{47}{6}\right) = \left(-7\frac{5}{6}\right)$$

$$8. \left(-3\frac{2}{5}\right) - \left(-1\frac{1}{2}\right) = \left(-\frac{17}{5}\right) - \left(-\frac{3}{2}\right) = \left(-\frac{34}{10}\right) - \left(-\frac{15}{10}\right) = \left(-\frac{19}{10}\right) = \left(-1\frac{9}{10}\right)$$

$$9. \left(-5\frac{2}{3}\right) - 3\frac{1}{4} = \left(-\frac{17}{3}\right) - \frac{13}{4} = \left(-\frac{68}{12}\right) - \frac{39}{12} = \left(-\frac{107}{12}\right) = \left(-8\frac{11}{12}\right)$$

$$10. \left(-3\frac{3}{4}\right) - 2\frac{1}{3} = \left(-\frac{15}{4}\right) - \frac{7}{3} = \left(-\frac{45}{12}\right) - \frac{28}{12} = \left(-\frac{73}{12}\right) = \left(-6\frac{1}{12}\right)$$

## Soustraire des fractions mixtes négatives (J)

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

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

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

Calculez chaque différence.

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

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

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

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

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

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

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

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

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

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

## Soustraire des fractions mixtes négatives (J) Réponses

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

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

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

Calculez chaque différence.

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

$$2. \quad \left(-3\frac{4}{5}\right) - 3\frac{2}{3} = \left(-\frac{19}{5}\right) - \frac{11}{3} = \left(-\frac{57}{15}\right) - \frac{55}{15} = \left(-\frac{112}{15}\right) = \left(-7\frac{7}{15}\right)$$

$$3. \quad \left(-3\frac{1}{2}\right) - \left(-5\frac{3}{5}\right) = \left(-\frac{7}{2}\right) - \left(-\frac{28}{5}\right) = \left(-\frac{35}{10}\right) - \left(-\frac{56}{10}\right) = \frac{21}{10} = 2\frac{1}{10}$$

$$4. \quad \left(-5\frac{2}{3}\right) - \left(-3\frac{1}{2}\right) = \left(-\frac{17}{3}\right) - \left(-\frac{7}{2}\right) = \left(-\frac{34}{6}\right) - \left(-\frac{21}{6}\right) = \left(-\frac{13}{6}\right) = \left(-2\frac{1}{6}\right)$$

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

$$6. \quad \left(-3\frac{1}{2}\right) - \left(-2\frac{2}{5}\right) = \left(-\frac{7}{2}\right) - \left(-\frac{12}{5}\right) = \left(-\frac{35}{10}\right) - \left(-\frac{24}{10}\right) = \left(-\frac{11}{10}\right) = \left(-1\frac{1}{10}\right)$$

$$7. \quad \left(-4\frac{1}{3}\right) - \left(-4\frac{1}{2}\right) = \left(-\frac{13}{3}\right) - \left(-\frac{9}{2}\right) = \left(-\frac{26}{6}\right) - \left(-\frac{27}{6}\right) = \frac{1}{6}$$

$$8. \quad \left(-2\frac{1}{2}\right) - \left(-4\frac{2}{3}\right) = \left(-\frac{5}{2}\right) - \left(-\frac{14}{3}\right) = \left(-\frac{15}{6}\right) - \left(-\frac{28}{6}\right) = \frac{13}{6} = 2\frac{1}{6}$$

$$9. \quad \left(-1\frac{1}{4}\right) - \frac{1}{3} = \left(-\frac{5}{4}\right) - \frac{1}{3} = \left(-\frac{15}{12}\right) - \frac{4}{12} = \left(-\frac{19}{12}\right) = \left(-1\frac{7}{12}\right)$$

$$10. \quad \left(-3\frac{1}{6}\right) - \frac{4}{5} = \left(-\frac{19}{6}\right) - \frac{4}{5} = \left(-\frac{95}{30}\right) - \frac{24}{30} = \left(-\frac{119}{30}\right) = \left(-3\frac{29}{30}\right)$$