

## Ajouter des fractions mixtes négatives (A)

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

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

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

Calculez chaque somme.

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

2.  $\left(-1\frac{11}{12}\right) + \left(-5\frac{3}{11}\right) =$

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

4.  $\left(-2\frac{2}{3}\right) + \frac{6}{11} =$

5.  $\left(-5\frac{5}{12}\right) + \frac{7}{11} =$

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

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

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

9.  $\left(-5\frac{7}{8}\right) + 2\frac{5}{9} =$

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

## Ajouter des fractions mixtes négatives (A) Réponses

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

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

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

Calculez chaque somme.

$$1. \left(-4\frac{4}{11}\right) + \left(-1\frac{2}{3}\right) = \left(-\frac{48}{11}\right) + \left(-\frac{5}{3}\right) = \left(-\frac{144}{33}\right) + \left(-\frac{55}{33}\right) = \left(-\frac{199}{33}\right) = \left(-6\frac{1}{33}\right)$$

$$2. \left(-1\frac{11}{12}\right) + \left(-5\frac{3}{11}\right) = \left(-\frac{23}{12}\right) + \left(-\frac{58}{11}\right) = \left(-\frac{253}{132}\right) + \left(-\frac{696}{132}\right) = \left(-\frac{949}{132}\right) = \left(-7\frac{25}{132}\right)$$

$$3. \left(-3\frac{1}{2}\right) + \left(-4\frac{3}{11}\right) = \left(-\frac{7}{2}\right) + \left(-\frac{47}{11}\right) = \left(-\frac{77}{22}\right) + \left(-\frac{94}{22}\right) = \left(-\frac{171}{22}\right) = \left(-7\frac{17}{22}\right)$$

$$4. \left(-2\frac{2}{3}\right) + \frac{6}{11} = \left(-\frac{8}{3}\right) + \frac{6}{11} = \left(-\frac{88}{33}\right) + \frac{18}{33} = \left(-\frac{70}{33}\right) = \left(-2\frac{4}{33}\right)$$

$$5. \left(-5\frac{5}{12}\right) + \frac{7}{11} = \left(-\frac{65}{12}\right) + \frac{7}{11} = \left(-\frac{715}{132}\right) + \frac{84}{132} = \left(-\frac{631}{132}\right) = \left(-4\frac{103}{132}\right)$$

$$6. \left(-2\frac{1}{8}\right) + \left(-2\frac{3}{5}\right) = \left(-\frac{17}{8}\right) + \left(-\frac{13}{5}\right) = \left(-\frac{85}{40}\right) + \left(-\frac{104}{40}\right) = \left(-\frac{189}{40}\right) = \left(-4\frac{29}{40}\right)$$

$$7. \left(-4\frac{1}{2}\right) + \frac{3}{5} = \left(-\frac{9}{2}\right) + \frac{3}{5} = \left(-\frac{45}{10}\right) + \frac{6}{10} = \left(-\frac{39}{10}\right) = \left(-3\frac{9}{10}\right)$$

$$8. \left(-2\frac{5}{9}\right) + 3\frac{3}{4} = \left(-\frac{23}{9}\right) + \frac{15}{4} = \left(-\frac{92}{36}\right) + \frac{135}{36} = \frac{43}{36} = 1\frac{7}{36}$$

$$9. \left(-5\frac{7}{8}\right) + 2\frac{5}{9} = \left(-\frac{47}{8}\right) + \frac{23}{9} = \left(-\frac{423}{72}\right) + \frac{184}{72} = \left(-\frac{239}{72}\right) = \left(-3\frac{23}{72}\right)$$

$$10. \left(-2\frac{1}{2}\right) + 5\frac{2}{5} = \left(-\frac{5}{2}\right) + \frac{27}{5} = \left(-\frac{25}{10}\right) + \frac{54}{10} = \frac{29}{10} = 2\frac{9}{10}$$

## Ajouter des fractions mixtes négatives (B)

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

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

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

Calculez chaque somme.

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

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

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

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

5.  $\left(-3\frac{1}{4}\right) + 5\frac{9}{11} =$

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

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

8.  $\left(-2\frac{9}{11}\right) + \left(-3\frac{9}{10}\right) =$

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

10.  $\left(-1\frac{1}{10}\right) + \frac{5}{9} =$

## Ajouter des fractions mixtes négatives (B) Réponses

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

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

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

Calculez chaque somme.

$$1. \quad \left(-2\frac{3}{11}\right) + 4\frac{1}{6} = \left(-\frac{25}{11}\right) + \frac{25}{6} = \left(-\frac{150}{66}\right) + \frac{275}{66} = \frac{125}{66} = 1\frac{59}{66}$$

$$2. \quad \left(-1\frac{5}{6}\right) + \left(-3\frac{7}{11}\right) = \left(-\frac{11}{6}\right) + \left(-\frac{40}{11}\right) = \left(-\frac{121}{66}\right) + \left(-\frac{240}{66}\right) = \left(-\frac{361}{66}\right) = \left(-5\frac{31}{66}\right)$$

$$3. \quad \left(-4\frac{2}{3}\right) + 5\frac{2}{5} = \left(-\frac{14}{3}\right) + \frac{27}{5} = \left(-\frac{70}{15}\right) + \frac{81}{15} = \frac{11}{15}$$

$$4. \quad \left(-1\frac{3}{7}\right) + \left(-3\frac{1}{3}\right) = \left(-\frac{10}{7}\right) + \left(-\frac{10}{3}\right) = \left(-\frac{30}{21}\right) + \left(-\frac{70}{21}\right) = \left(-\frac{100}{21}\right) = \left(-4\frac{16}{21}\right)$$

$$5. \quad \left(-3\frac{1}{4}\right) + 5\frac{9}{11} = \left(-\frac{13}{4}\right) + \frac{64}{11} = \left(-\frac{143}{44}\right) + \frac{256}{44} = \frac{113}{44} = 2\frac{25}{44}$$

$$6. \quad \left(-1\frac{2}{9}\right) + \left(-1\frac{3}{5}\right) = \left(-\frac{11}{9}\right) + \left(-\frac{8}{5}\right) = \left(-\frac{55}{45}\right) + \left(-\frac{72}{45}\right) = \left(-\frac{127}{45}\right) = \left(-2\frac{37}{45}\right)$$

$$7. \quad \left(-4\frac{1}{9}\right) + 3\frac{7}{10} = \left(-\frac{37}{9}\right) + \frac{37}{10} = \left(-\frac{370}{90}\right) + \frac{333}{90} = \left(-\frac{37}{90}\right)$$

$$8. \quad \left(-2\frac{9}{11}\right) + \left(-3\frac{9}{10}\right) = \left(-\frac{31}{11}\right) + \left(-\frac{39}{10}\right) = \left(-\frac{310}{110}\right) + \left(-\frac{429}{110}\right) = \left(-\frac{739}{110}\right) = \left(-6\frac{79}{110}\right)$$

$$9. \quad \left(-1\frac{2}{5}\right) + \left(-1\frac{8}{9}\right) = \left(-\frac{7}{5}\right) + \left(-\frac{17}{9}\right) = \left(-\frac{63}{45}\right) + \left(-\frac{85}{45}\right) = \left(-\frac{148}{45}\right) = \left(-3\frac{13}{45}\right)$$

$$10. \quad \left(-1\frac{1}{10}\right) + \frac{5}{9} = \left(-\frac{11}{10}\right) + \frac{5}{9} = \left(-\frac{99}{90}\right) + \frac{50}{90} = \left(-\frac{49}{90}\right)$$

## Ajouter des fractions mixtes négatives (C)

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

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

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

Calculez chaque somme.

$$1. \left(-2\frac{5}{12}\right) + \left(-3\frac{5}{7}\right) =$$

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

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

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

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

$$6. \left(-4\frac{10}{11}\right) + 3\frac{2}{7} =$$

$$7. \left(-5\frac{4}{5}\right) + 4\frac{7}{8} =$$

$$8. \left(-2\frac{2}{3}\right) + 1\frac{5}{11} =$$

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

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

## Ajouter des fractions mixtes négatives (C) Réponses

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

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

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

Calculez chaque somme.

$$1. \left(-2\frac{5}{12}\right) + \left(-3\frac{5}{7}\right) = \left(-\frac{29}{12}\right) + \left(-\frac{26}{7}\right) = \left(-\frac{203}{84}\right) + \left(-\frac{312}{84}\right) = \left(-\frac{515}{84}\right) = \left(-6\frac{11}{84}\right)$$

$$2. \left(-2\frac{1}{2}\right) + \left(-4\frac{1}{3}\right) = \left(-\frac{5}{2}\right) + \left(-\frac{13}{3}\right) = \left(-\frac{15}{6}\right) + \left(-\frac{26}{6}\right) = \left(-\frac{41}{6}\right) = \left(-6\frac{5}{6}\right)$$

$$3. \left(-2\frac{1}{3}\right) + 4\frac{3}{4} = \left(-\frac{7}{3}\right) + \frac{19}{4} = \left(-\frac{28}{12}\right) + \frac{57}{12} = \frac{29}{12} = 2\frac{5}{12}$$

$$4. \left(-3\frac{1}{2}\right) + 3\frac{10}{11} = \left(-\frac{7}{2}\right) + \frac{43}{11} = \left(-\frac{77}{22}\right) + \frac{86}{22} = \frac{9}{22}$$

$$5. \left(-1\frac{1}{3}\right) + 4\frac{1}{10} = \left(-\frac{4}{3}\right) + \frac{41}{10} = \left(-\frac{40}{30}\right) + \frac{123}{30} = \frac{83}{30} = 2\frac{23}{30}$$

$$6. \left(-4\frac{10}{11}\right) + 3\frac{2}{7} = \left(-\frac{54}{11}\right) + \frac{23}{7} = \left(-\frac{378}{77}\right) + \frac{253}{77} = \left(-\frac{125}{77}\right) = \left(-1\frac{48}{77}\right)$$

$$7. \left(-5\frac{4}{5}\right) + 4\frac{7}{8} = \left(-\frac{29}{5}\right) + \frac{39}{8} = \left(-\frac{232}{40}\right) + \frac{195}{40} = \left(-\frac{37}{40}\right)$$

$$8. \left(-2\frac{2}{3}\right) + 1\frac{5}{11} = \left(-\frac{8}{3}\right) + \frac{16}{11} = \left(-\frac{88}{33}\right) + \frac{48}{33} = \left(-\frac{40}{33}\right) = \left(-1\frac{7}{33}\right)$$

$$9. \left(-1\frac{1}{3}\right) + \frac{4}{5} = \left(-\frac{4}{3}\right) + \frac{4}{5} = \left(-\frac{20}{15}\right) + \frac{12}{15} = \left(-\frac{8}{15}\right)$$

$$10. \left(-4\frac{1}{2}\right) + 1\frac{1}{7} = \left(-\frac{9}{2}\right) + \frac{8}{7} = \left(-\frac{63}{14}\right) + \frac{16}{14} = \left(-\frac{47}{14}\right) = \left(-3\frac{5}{14}\right)$$

## Ajouter des fractions mixtes négatives (D)

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

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

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

Calculez chaque somme.

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

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

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

4.  $\left(-5\frac{9}{11}\right) + 3\frac{1}{3} =$

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

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

7.  $\left(-1\frac{1}{4}\right) + \left(-1\frac{8}{9}\right) =$

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

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

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

## Ajouter des fractions mixtes négatives (D) Réponses

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

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

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

Calculez chaque somme.

$$1. \quad \left(-2\frac{4}{9}\right) + \left(-1\frac{1}{2}\right) = \left(-\frac{22}{9}\right) + \left(-\frac{3}{2}\right) = \left(-\frac{44}{18}\right) + \left(-\frac{27}{18}\right) = \left(-\frac{71}{18}\right) = \left(-3\frac{17}{18}\right)$$

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

$$3. \quad \left(-5\frac{2}{11}\right) + 5\frac{1}{2} = \left(-\frac{57}{11}\right) + \frac{11}{2} = \left(-\frac{114}{22}\right) + \frac{121}{22} = \frac{7}{22}$$

$$4. \quad \left(-5\frac{9}{11}\right) + 3\frac{1}{3} = \left(-\frac{64}{11}\right) + \frac{10}{3} = \left(-\frac{192}{33}\right) + \frac{110}{33} = \left(-\frac{82}{33}\right) = \left(-2\frac{16}{33}\right)$$

$$5. \quad \left(-3\frac{1}{2}\right) + \left(-1\frac{3}{11}\right) = \left(-\frac{7}{2}\right) + \left(-\frac{14}{11}\right) = \left(-\frac{77}{22}\right) + \left(-\frac{28}{22}\right) = \left(-\frac{105}{22}\right) = \left(-4\frac{17}{22}\right)$$

$$6. \quad \left(-2\frac{1}{12}\right) + \left(-5\frac{2}{11}\right) = \left(-\frac{25}{12}\right) + \left(-\frac{57}{11}\right) = \left(-\frac{275}{132}\right) + \left(-\frac{684}{132}\right) = \left(-\frac{959}{132}\right) = \left(-7\frac{35}{132}\right)$$

$$7. \quad \left(-1\frac{1}{4}\right) + \left(-1\frac{8}{9}\right) = \left(-\frac{5}{4}\right) + \left(-\frac{17}{9}\right) = \left(-\frac{45}{36}\right) + \left(-\frac{68}{36}\right) = \left(-\frac{113}{36}\right) = \left(-3\frac{5}{36}\right)$$

$$8. \quad \left(-3\frac{1}{5}\right) + 2\frac{3}{7} = \left(-\frac{16}{5}\right) + \frac{17}{7} = \left(-\frac{112}{35}\right) + \frac{85}{35} = \left(-\frac{27}{35}\right)$$

$$9. \quad \left(-2\frac{3}{11}\right) + \frac{1}{5} = \left(-\frac{25}{11}\right) + \frac{1}{5} = \left(-\frac{125}{55}\right) + \frac{11}{55} = \left(-\frac{114}{55}\right) = \left(-2\frac{4}{55}\right)$$

$$10. \quad \left(-2\frac{3}{10}\right) + 5\frac{2}{3} = \left(-\frac{23}{10}\right) + \frac{17}{3} = \left(-\frac{69}{30}\right) + \frac{170}{30} = \frac{101}{30} = 3\frac{11}{30}$$



## Ajouter des fractions mixtes négatives (E)

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

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

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

Calculez chaque somme.

1.  $\left(-5\frac{10}{11}\right) + \frac{1}{2} =$

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

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

4.  $\left(-4\frac{3}{10}\right) + 1\frac{6}{7} =$

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

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

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

8.  $\left(-5\frac{4}{5}\right) + 1\frac{8}{11} =$

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

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

## Ajouter des fractions mixtes négatives (E) Réponses

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

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

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

Calculez chaque somme.

$$1. \quad \left(-5\frac{10}{11}\right) + \frac{1}{2} = \left(-\frac{65}{11}\right) + \frac{1}{2} = \left(-\frac{130}{22}\right) + \frac{11}{22} = \left(-\frac{119}{22}\right) = \left(-5\frac{9}{22}\right)$$

$$2. \quad \left(-1\frac{1}{2}\right) + \left(-5\frac{4}{7}\right) = \left(-\frac{3}{2}\right) + \left(-\frac{39}{7}\right) = \left(-\frac{21}{14}\right) + \left(-\frac{78}{14}\right) = \left(-\frac{99}{14}\right) = \left(-7\frac{1}{14}\right)$$

$$3. \quad \left(-2\frac{5}{11}\right) + 1\frac{3}{7} = \left(-\frac{27}{11}\right) + \frac{10}{7} = \left(-\frac{189}{77}\right) + \frac{110}{77} = \left(-\frac{79}{77}\right) = \left(-1\frac{2}{77}\right)$$

$$4. \quad \left(-4\frac{3}{10}\right) + 1\frac{6}{7} = \left(-\frac{43}{10}\right) + \frac{13}{7} = \left(-\frac{301}{70}\right) + \frac{130}{70} = \left(-\frac{171}{70}\right) = \left(-2\frac{31}{70}\right)$$

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

$$6. \quad \left(-1\frac{2}{3}\right) + 3\frac{7}{11} = \left(-\frac{5}{3}\right) + \frac{40}{11} = \left(-\frac{55}{33}\right) + \frac{120}{33} = \frac{65}{33} = 1\frac{32}{33}$$

$$7. \quad \left(-4\frac{1}{2}\right) + 2\frac{5}{7} = \left(-\frac{9}{2}\right) + \frac{19}{7} = \left(-\frac{63}{14}\right) + \frac{38}{14} = \left(-\frac{25}{14}\right) = \left(-1\frac{11}{14}\right)$$

$$8. \quad \left(-5\frac{4}{5}\right) + 1\frac{8}{11} = \left(-\frac{29}{5}\right) + \frac{19}{11} = \left(-\frac{319}{55}\right) + \frac{95}{55} = \left(-\frac{224}{55}\right) = \left(-4\frac{4}{55}\right)$$

$$9. \quad \left(-3\frac{2}{3}\right) + 4\frac{3}{10} = \left(-\frac{11}{3}\right) + \frac{43}{10} = \left(-\frac{110}{30}\right) + \frac{129}{30} = \frac{19}{30}$$

$$10. \quad \left(-5\frac{1}{4}\right) + 3\frac{2}{9} = \left(-\frac{21}{4}\right) + \frac{29}{9} = \left(-\frac{189}{36}\right) + \frac{116}{36} = \left(-\frac{73}{36}\right) = \left(-2\frac{1}{36}\right)$$

## Ajouter des fractions mixtes négatives (F)

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

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

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

Calculez chaque somme.

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

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

3.  $\left(-2\frac{5}{12}\right) + \left(-2\frac{6}{7}\right) =$

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

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

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

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

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

9.  $\left(-3\frac{2}{7}\right) + 5\frac{8}{11} =$

10.  $\left(-3\frac{4}{11}\right) + 3\frac{11}{12} =$

## Ajouter des fractions mixtes négatives (F) Réponses

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

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

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

Calculez chaque somme.

$$1. \quad \left(-3\frac{5}{9}\right) + 2\frac{1}{4} = \left(-\frac{32}{9}\right) + \frac{9}{4} = \left(-\frac{128}{36}\right) + \frac{81}{36} = \left(-\frac{47}{36}\right) = \left(-1\frac{11}{36}\right)$$

$$2. \quad \left(-1\frac{1}{3}\right) + \frac{1}{5} = \left(-\frac{4}{3}\right) + \frac{1}{5} = \left(-\frac{20}{15}\right) + \frac{3}{15} = \left(-\frac{17}{15}\right) = \left(-1\frac{2}{15}\right)$$

$$3. \quad \left(-2\frac{5}{12}\right) + \left(-2\frac{6}{7}\right) = \left(-\frac{29}{12}\right) + \left(-\frac{20}{7}\right) = \left(-\frac{203}{84}\right) + \left(-\frac{240}{84}\right) = \left(-\frac{443}{84}\right) = \left(-5\frac{23}{84}\right)$$

$$4. \quad \left(-3\frac{6}{11}\right) + \frac{1}{2} = \left(-\frac{39}{11}\right) + \frac{1}{2} = \left(-\frac{78}{22}\right) + \frac{11}{22} = \left(-\frac{67}{22}\right) = \left(-3\frac{1}{22}\right)$$

$$5. \quad \left(-5\frac{1}{2}\right) + 5\frac{1}{9} = \left(-\frac{11}{2}\right) + \frac{46}{9} = \left(-\frac{99}{18}\right) + \frac{92}{18} = \left(-\frac{7}{18}\right)$$

$$6. \quad \left(-4\frac{2}{3}\right) + 3\frac{5}{11} = \left(-\frac{14}{3}\right) + \frac{38}{11} = \left(-\frac{154}{33}\right) + \frac{114}{33} = \left(-\frac{40}{33}\right) = \left(-1\frac{7}{33}\right)$$

$$7. \quad \left(-4\frac{1}{3}\right) + \left(-2\frac{3}{7}\right) = \left(-\frac{13}{3}\right) + \left(-\frac{17}{7}\right) = \left(-\frac{91}{21}\right) + \left(-\frac{51}{21}\right) = \left(-\frac{142}{21}\right) = \left(-6\frac{16}{21}\right)$$

$$8. \quad \left(-5\frac{2}{5}\right) + \left(-1\frac{1}{2}\right) = \left(-\frac{27}{5}\right) + \left(-\frac{3}{2}\right) = \left(-\frac{54}{10}\right) + \left(-\frac{15}{10}\right) = \left(-\frac{69}{10}\right) = \left(-6\frac{9}{10}\right)$$

$$9. \quad \left(-3\frac{2}{7}\right) + 5\frac{8}{11} = \left(-\frac{23}{7}\right) + \frac{63}{11} = \left(-\frac{253}{77}\right) + \frac{441}{77} = \frac{188}{77} = 2\frac{34}{77}$$

$$10. \quad \left(-3\frac{4}{11}\right) + 3\frac{11}{12} = \left(-\frac{37}{11}\right) + \frac{47}{12} = \left(-\frac{444}{132}\right) + \frac{517}{132} = \frac{73}{132}$$

## Ajouter des fractions mixtes négatives (G)

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

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

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

Calculez chaque somme.

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

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

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

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

5.  $\left(-4\frac{5}{8}\right) + 1\frac{8}{11} =$

6.  $\left(-1\frac{4}{5}\right) + \frac{1}{11} =$

7.  $\left(-2\frac{1}{4}\right) + \left(-3\frac{7}{11}\right) =$

8.  $\left(-4\frac{3}{5}\right) + \frac{4}{11} =$

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

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

## Ajouter des fractions mixtes négatives (G) Réponses

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

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

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

Calculez chaque somme.

$$1. \quad \left(-4\frac{1}{2}\right) + 2\frac{3}{7} = \left(-\frac{9}{2}\right) + \frac{17}{7} = \left(-\frac{63}{14}\right) + \frac{34}{14} = \left(-\frac{29}{14}\right) = \left(-2\frac{1}{14}\right)$$

$$2. \quad \left(-2\frac{5}{12}\right) + \left(-5\frac{1}{11}\right) = \left(-\frac{29}{12}\right) + \left(-\frac{56}{11}\right) = \left(-\frac{319}{132}\right) + \left(-\frac{672}{132}\right) = \left(-\frac{991}{132}\right) = \left(-7\frac{67}{132}\right)$$

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

$$4. \quad \left(-3\frac{2}{3}\right) + \left(-2\frac{1}{10}\right) = \left(-\frac{11}{3}\right) + \left(-\frac{21}{10}\right) = \left(-\frac{110}{30}\right) + \left(-\frac{63}{30}\right) = \left(-\frac{173}{30}\right) = \left(-5\frac{23}{30}\right)$$

$$5. \quad \left(-4\frac{5}{8}\right) + 1\frac{8}{11} = \left(-\frac{37}{8}\right) + \frac{19}{11} = \left(-\frac{407}{88}\right) + \frac{152}{88} = \left(-\frac{255}{88}\right) = \left(-2\frac{79}{88}\right)$$

$$6. \quad \left(-1\frac{4}{5}\right) + \frac{1}{11} = \left(-\frac{9}{5}\right) + \frac{1}{11} = \left(-\frac{99}{55}\right) + \frac{5}{55} = \left(-\frac{94}{55}\right) = \left(-1\frac{39}{55}\right)$$

$$7. \quad \left(-2\frac{1}{4}\right) + \left(-3\frac{7}{11}\right) = \left(-\frac{9}{4}\right) + \left(-\frac{40}{11}\right) = \left(-\frac{99}{44}\right) + \left(-\frac{160}{44}\right) = \left(-\frac{259}{44}\right) = \left(-5\frac{39}{44}\right)$$

$$8. \quad \left(-4\frac{3}{5}\right) + \frac{4}{11} = \left(-\frac{23}{5}\right) + \frac{4}{11} = \left(-\frac{253}{55}\right) + \frac{20}{55} = \left(-\frac{233}{55}\right) = \left(-4\frac{13}{55}\right)$$

$$9. \quad \left(-3\frac{1}{4}\right) + 2\frac{4}{5} = \left(-\frac{13}{4}\right) + \frac{14}{5} = \left(-\frac{65}{20}\right) + \frac{56}{20} = \left(-\frac{9}{20}\right)$$

$$10. \quad \left(-3\frac{1}{2}\right) + \left(-2\frac{4}{5}\right) = \left(-\frac{7}{2}\right) + \left(-\frac{14}{5}\right) = \left(-\frac{35}{10}\right) + \left(-\frac{28}{10}\right) = \left(-\frac{63}{10}\right) = \left(-6\frac{3}{10}\right)$$

## Ajouter des fractions mixtes négatives (H)

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

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

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

Calculez chaque somme.

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

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

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

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

5.  $\left(-3\frac{1}{11}\right) + 3\frac{4}{9} =$

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

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

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

9.  $\left(-2\frac{3}{11}\right) + \frac{3}{8} =$

10.  $\left(-1\frac{1}{4}\right) + \left(-2\frac{6}{7}\right) =$

## Ajouter des fractions mixtes négatives (H) Réponses

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

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

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

Calculez chaque somme.

$$1. \quad \left(-5\frac{1}{3}\right) + 2\frac{2}{7} = \left(-\frac{16}{3}\right) + \frac{16}{7} = \left(-\frac{112}{21}\right) + \frac{48}{21} = \left(-\frac{64}{21}\right) = \left(-3\frac{1}{21}\right)$$

$$2. \quad \left(-5\frac{7}{8}\right) + \frac{3}{5} = \left(-\frac{47}{8}\right) + \frac{3}{5} = \left(-\frac{235}{40}\right) + \frac{24}{40} = \left(-\frac{211}{40}\right) = \left(-5\frac{11}{40}\right)$$

$$3. \quad \left(-2\frac{1}{6}\right) + \left(-4\frac{1}{5}\right) = \left(-\frac{13}{6}\right) + \left(-\frac{21}{5}\right) = \left(-\frac{65}{30}\right) + \left(-\frac{126}{30}\right) = \left(-\frac{191}{30}\right) = \left(-6\frac{11}{30}\right)$$

$$4. \quad \left(-5\frac{8}{9}\right) + \left(-1\frac{2}{5}\right) = \left(-\frac{53}{9}\right) + \left(-\frac{7}{5}\right) = \left(-\frac{265}{45}\right) + \left(-\frac{63}{45}\right) = \left(-\frac{328}{45}\right) = \left(-7\frac{13}{45}\right)$$

$$5. \quad \left(-3\frac{1}{11}\right) + 3\frac{4}{9} = \left(-\frac{34}{11}\right) + \frac{31}{9} = \left(-\frac{306}{99}\right) + \frac{341}{99} = \frac{35}{99}$$

$$6. \quad \left(-1\frac{1}{4}\right) + \frac{5}{7} = \left(-\frac{5}{4}\right) + \frac{5}{7} = \left(-\frac{35}{28}\right) + \frac{20}{28} = \left(-\frac{15}{28}\right)$$

$$7. \quad \left(-2\frac{3}{4}\right) + 4\frac{2}{5} = \left(-\frac{11}{4}\right) + \frac{22}{5} = \left(-\frac{55}{20}\right) + \frac{88}{20} = \frac{33}{20} = 1\frac{13}{20}$$

$$8. \quad \left(-3\frac{3}{8}\right) + 1\frac{1}{3} = \left(-\frac{27}{8}\right) + \frac{4}{3} = \left(-\frac{81}{24}\right) + \frac{32}{24} = \left(-\frac{49}{24}\right) = \left(-2\frac{1}{24}\right)$$

$$9. \quad \left(-2\frac{3}{11}\right) + \frac{3}{8} = \left(-\frac{25}{11}\right) + \frac{3}{8} = \left(-\frac{200}{88}\right) + \frac{33}{88} = \left(-\frac{167}{88}\right) = \left(-1\frac{79}{88}\right)$$

$$10. \quad \left(-1\frac{1}{4}\right) + \left(-2\frac{6}{7}\right) = \left(-\frac{5}{4}\right) + \left(-\frac{20}{7}\right) = \left(-\frac{35}{28}\right) + \left(-\frac{80}{28}\right) = \left(-\frac{115}{28}\right) = \left(-4\frac{3}{28}\right)$$



## Ajouter des fractions mixtes négatives (I)

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

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

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

Calculez chaque somme.

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

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

3.  $\left(-5\frac{3}{5}\right) + \frac{7}{11} =$

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

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

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

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

8.  $\left(-3\frac{7}{9}\right) + \left(-3\frac{9}{11}\right) =$

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

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

## Ajouter des fractions mixtes négatives (I) Réponses

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

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

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

Calculez chaque somme.

$$1. \quad \left(-2\frac{5}{8}\right) + 5\frac{1}{5} = \left(-\frac{21}{8}\right) + \frac{26}{5} = \left(-\frac{105}{40}\right) + \frac{208}{40} = \frac{103}{40} = 2\frac{23}{40}$$

$$2. \quad \left(-4\frac{2}{7}\right) + \frac{1}{2} = \left(-\frac{30}{7}\right) + \frac{1}{2} = \left(-\frac{60}{14}\right) + \frac{7}{14} = \left(-\frac{53}{14}\right) = \left(-3\frac{11}{14}\right)$$

$$3. \quad \left(-5\frac{3}{5}\right) + \frac{7}{11} = \left(-\frac{28}{5}\right) + \frac{7}{11} = \left(-\frac{308}{55}\right) + \frac{35}{55} = \left(-\frac{273}{55}\right) = \left(-4\frac{53}{55}\right)$$

$$4. \quad \left(-1\frac{1}{8}\right) + 2\frac{2}{9} = \left(-\frac{9}{8}\right) + \frac{20}{9} = \left(-\frac{81}{72}\right) + \frac{160}{72} = \frac{79}{72} = 1\frac{7}{72}$$

$$5. \quad \left(-1\frac{1}{4}\right) + 5\frac{3}{5} = \left(-\frac{5}{4}\right) + \frac{28}{5} = \left(-\frac{25}{20}\right) + \frac{112}{20} = \frac{87}{20} = 4\frac{7}{20}$$

$$6. \quad \left(-3\frac{1}{3}\right) + \frac{3}{5} = \left(-\frac{10}{3}\right) + \frac{3}{5} = \left(-\frac{50}{15}\right) + \frac{9}{15} = \left(-\frac{41}{15}\right) = \left(-2\frac{11}{15}\right)$$

$$7. \quad \left(-5\frac{5}{7}\right) + 3\frac{1}{11} = \left(-\frac{40}{7}\right) + \frac{34}{11} = \left(-\frac{440}{77}\right) + \frac{238}{77} = \left(-\frac{202}{77}\right) = \left(-2\frac{48}{77}\right)$$

$$8. \quad \left(-3\frac{7}{9}\right) + \left(-3\frac{9}{11}\right) = \left(-\frac{34}{9}\right) + \left(-\frac{42}{11}\right) = \left(-\frac{374}{99}\right) + \left(-\frac{378}{99}\right) = \left(-\frac{752}{99}\right) = \left(-7\frac{59}{99}\right)$$

$$9. \quad \left(-4\frac{3}{4}\right) + \frac{2}{11} = \left(-\frac{19}{4}\right) + \frac{2}{11} = \left(-\frac{209}{44}\right) + \frac{8}{44} = \left(-\frac{201}{44}\right) = \left(-4\frac{25}{44}\right)$$

$$10. \quad \left(-1\frac{1}{2}\right) + \left(-2\frac{3}{5}\right) = \left(-\frac{3}{2}\right) + \left(-\frac{13}{5}\right) = \left(-\frac{15}{10}\right) + \left(-\frac{26}{10}\right) = \left(-\frac{41}{10}\right) = \left(-4\frac{1}{10}\right)$$

## Ajouter des fractions mixtes négatives (J)

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

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

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

Calculez chaque somme.

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

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

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

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

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

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

7.  $\left(-4\frac{7}{8}\right) + 3\frac{5}{7} =$

8.  $\left(-4\frac{7}{10}\right) + 5\frac{6}{7} =$

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

10.  $\left(-1\frac{3}{7}\right) + \left(-4\frac{1}{8}\right) =$

## Ajouter des fractions mixtes négatives (J) Réponses

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

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

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

Calculez chaque somme.

$$1. \left(-1\frac{1}{5}\right) + \left(-2\frac{3}{4}\right) = \left(-\frac{6}{5}\right) + \left(-\frac{11}{4}\right) = \left(-\frac{24}{20}\right) + \left(-\frac{55}{20}\right) = \left(-\frac{79}{20}\right) = \left(-3\frac{19}{20}\right)$$

$$2. \left(-1\frac{1}{6}\right) + \left(-3\frac{2}{5}\right) = \left(-\frac{7}{6}\right) + \left(-\frac{17}{5}\right) = \left(-\frac{35}{30}\right) + \left(-\frac{102}{30}\right) = \left(-\frac{137}{30}\right) = \left(-4\frac{17}{30}\right)$$

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

$$4. \left(-1\frac{3}{7}\right) + \left(-2\frac{3}{5}\right) = \left(-\frac{10}{7}\right) + \left(-\frac{13}{5}\right) = \left(-\frac{50}{35}\right) + \left(-\frac{91}{35}\right) = \left(-\frac{141}{35}\right) = \left(-4\frac{1}{35}\right)$$

$$5. \left(-2\frac{5}{9}\right) + \frac{3}{5} = \left(-\frac{23}{9}\right) + \frac{3}{5} = \left(-\frac{115}{45}\right) + \frac{27}{45} = \left(-\frac{88}{45}\right) = \left(-1\frac{43}{45}\right)$$

$$6. \left(-2\frac{1}{2}\right) + \left(-2\frac{2}{5}\right) = \left(-\frac{5}{2}\right) + \left(-\frac{12}{5}\right) = \left(-\frac{25}{10}\right) + \left(-\frac{24}{10}\right) = \left(-\frac{49}{10}\right) = \left(-4\frac{9}{10}\right)$$

$$7. \left(-4\frac{7}{8}\right) + 3\frac{5}{7} = \left(-\frac{39}{8}\right) + \frac{26}{7} = \left(-\frac{273}{56}\right) + \frac{208}{56} = \left(-\frac{65}{56}\right) = \left(-1\frac{9}{56}\right)$$

$$8. \left(-4\frac{7}{10}\right) + 5\frac{6}{7} = \left(-\frac{47}{10}\right) + \frac{41}{7} = \left(-\frac{329}{70}\right) + \frac{410}{70} = \frac{81}{70} = 1\frac{11}{70}$$

$$9. \left(-2\frac{1}{2}\right) + \frac{1}{7} = \left(-\frac{5}{2}\right) + \frac{1}{7} = \left(-\frac{35}{14}\right) + \frac{2}{14} = \left(-\frac{33}{14}\right) = \left(-2\frac{5}{14}\right)$$

$$10. \left(-1\frac{3}{7}\right) + \left(-4\frac{1}{8}\right) = \left(-\frac{10}{7}\right) + \left(-\frac{33}{8}\right) = \left(-\frac{80}{56}\right) + \left(-\frac{231}{56}\right) = \left(-\frac{311}{56}\right) = \left(-5\frac{31}{56}\right)$$