

Ajouter des fractions mixtes négatives (A)

Nom: _____

Date: _____

Note: _____

Calculez chaque somme.

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

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

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

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

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

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

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

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

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

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

Ajouter des fractions mixtes négatives (A) Réponses

Nom: _____

Date: _____

Note: _____

Calculez chaque somme.

$$1. \quad \left(-5\frac{1}{2}\right) + 3\frac{2}{3} = \left(-\frac{11}{2}\right) + \frac{11}{3} = \left(-\frac{33}{6}\right) + \frac{22}{6} = \left(-\frac{11}{6}\right) = \left(-1\frac{5}{6}\right)$$

$$2. \quad \left(-1\frac{1}{6}\right) + \left(-1\frac{1}{5}\right) = \left(-\frac{7}{6}\right) + \left(-\frac{6}{5}\right) = \left(-\frac{35}{30}\right) + \left(-\frac{36}{30}\right) = \left(-\frac{71}{30}\right) = \left(-2\frac{11}{30}\right)$$

$$3. \quad \left(-1\frac{1}{3}\right) + \left(-4\frac{1}{2}\right) = \left(-\frac{4}{3}\right) + \left(-\frac{9}{2}\right) = \left(-\frac{8}{6}\right) + \left(-\frac{27}{6}\right) = \left(-\frac{35}{6}\right) = \left(-5\frac{5}{6}\right)$$

$$4. \quad \left(-2\frac{1}{3}\right) + 2\frac{1}{5} = \left(-\frac{7}{3}\right) + \frac{11}{5} = \left(-\frac{35}{15}\right) + \frac{33}{15} = \left(-\frac{2}{15}\right)$$

$$5. \quad \left(-1\frac{1}{2}\right) + \left(-2\frac{1}{3}\right) = \left(-\frac{3}{2}\right) + \left(-\frac{7}{3}\right) = \left(-\frac{9}{6}\right) + \left(-\frac{14}{6}\right) = \left(-\frac{23}{6}\right) = \left(-3\frac{5}{6}\right)$$

$$6. \quad \left(-3\frac{1}{2}\right) + \left(-5\frac{1}{3}\right) = \left(-\frac{7}{2}\right) + \left(-\frac{16}{3}\right) = \left(-\frac{21}{6}\right) + \left(-\frac{32}{6}\right) = \left(-\frac{53}{6}\right) = \left(-8\frac{5}{6}\right)$$

$$7. \quad \left(-1\frac{1}{5}\right) + \left(-3\frac{1}{2}\right) = \left(-\frac{6}{5}\right) + \left(-\frac{7}{2}\right) = \left(-\frac{12}{10}\right) + \left(-\frac{35}{10}\right) = \left(-\frac{47}{10}\right) = \left(-4\frac{7}{10}\right)$$

$$8. \quad \left(-4\frac{3}{4}\right) + \frac{1}{3} = \left(-\frac{19}{4}\right) + \frac{1}{3} = \left(-\frac{57}{12}\right) + \frac{4}{12} = \left(-\frac{53}{12}\right) = \left(-4\frac{5}{12}\right)$$

$$9. \quad \left(-5\frac{1}{3}\right) + 3\frac{1}{2} = \left(-\frac{16}{3}\right) + \frac{7}{2} = \left(-\frac{32}{6}\right) + \frac{21}{6} = \left(-\frac{11}{6}\right) = \left(-1\frac{5}{6}\right)$$

$$10. \quad \left(-4\frac{2}{3}\right) + 1\frac{1}{2} = \left(-\frac{14}{3}\right) + \frac{3}{2} = \left(-\frac{28}{6}\right) + \frac{9}{6} = \left(-\frac{19}{6}\right) = \left(-3\frac{1}{6}\right)$$

Ajouter des fractions mixtes négatives (B)

Nom: _____

Date: _____

Note: _____

Calculez chaque somme.

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

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

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

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

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

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

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

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

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

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

Ajouter des fractions mixtes négatives (B) Réponses

Nom: _____

Date: _____

Note: _____

Calculez chaque somme.

$$1. \left(-4\frac{1}{2}\right) + \left(-1\frac{3}{5}\right) = \left(-\frac{9}{2}\right) + \left(-\frac{8}{5}\right) = \left(-\frac{45}{10}\right) + \left(-\frac{16}{10}\right) = \left(-\frac{61}{10}\right) = \left(-6\frac{1}{10}\right)$$

$$2. \left(-5\frac{4}{5}\right) + \frac{1}{6} = \left(-\frac{29}{5}\right) + \frac{1}{6} = \left(-\frac{174}{30}\right) + \frac{5}{30} = \left(-\frac{169}{30}\right) = \left(-5\frac{19}{30}\right)$$

$$3. \left(-4\frac{1}{2}\right) + \frac{1}{3} = \left(-\frac{9}{2}\right) + \frac{1}{3} = \left(-\frac{27}{6}\right) + \frac{2}{6} = \left(-\frac{25}{6}\right) = \left(-4\frac{1}{6}\right)$$

$$4. \left(-3\frac{1}{6}\right) + 4\frac{3}{5} = \left(-\frac{19}{6}\right) + \frac{23}{5} = \left(-\frac{95}{30}\right) + \frac{138}{30} = \frac{43}{30} = 1\frac{13}{30}$$

$$5. \left(-2\frac{1}{2}\right) + \left(-1\frac{4}{5}\right) = \left(-\frac{5}{2}\right) + \left(-\frac{9}{5}\right) = \left(-\frac{25}{10}\right) + \left(-\frac{18}{10}\right) = \left(-\frac{43}{10}\right) = \left(-4\frac{3}{10}\right)$$

$$6. \left(-3\frac{3}{5}\right) + \left(-4\frac{1}{2}\right) = \left(-\frac{18}{5}\right) + \left(-\frac{9}{2}\right) = \left(-\frac{36}{10}\right) + \left(-\frac{45}{10}\right) = \left(-\frac{81}{10}\right) = \left(-8\frac{1}{10}\right)$$

$$7. \left(-3\frac{2}{3}\right) + 1\frac{4}{5} = \left(-\frac{11}{3}\right) + \frac{9}{5} = \left(-\frac{55}{15}\right) + \frac{27}{15} = \left(-\frac{28}{15}\right) = \left(-1\frac{13}{15}\right)$$

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

$$9. \left(-2\frac{1}{5}\right) + \frac{1}{2} = \left(-\frac{11}{5}\right) + \frac{1}{2} = \left(-\frac{22}{10}\right) + \frac{5}{10} = \left(-\frac{17}{10}\right) = \left(-1\frac{7}{10}\right)$$

$$10. \left(-5\frac{2}{3}\right) + \left(-1\frac{1}{2}\right) = \left(-\frac{17}{3}\right) + \left(-\frac{3}{2}\right) = \left(-\frac{34}{6}\right) + \left(-\frac{9}{6}\right) = \left(-\frac{43}{6}\right) = \left(-7\frac{1}{6}\right)$$

Ajouter des fractions mixtes négatives (C)

Nom: _____

Date: _____

Note: _____

Calculez chaque somme.

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

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

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

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

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

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

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

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

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

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

Ajouter des fractions mixtes négatives (C) Réponses

Nom: _____

Date: _____

Note: _____

Calculez chaque somme.

$$1. \quad \left(-3\frac{2}{5}\right) + \frac{5}{6} = \left(-\frac{17}{5}\right) + \frac{5}{6} = \left(-\frac{102}{30}\right) + \frac{25}{30} = \left(-\frac{77}{30}\right) = \left(-2\frac{17}{30}\right)$$

$$2. \quad \left(-3\frac{3}{5}\right) + 4\frac{2}{3} = \left(-\frac{18}{5}\right) + \frac{14}{3} = \left(-\frac{54}{15}\right) + \frac{70}{15} = \frac{16}{15} = 1\frac{1}{15}$$

$$3. \quad \left(-3\frac{2}{3}\right) + 4\frac{1}{5} = \left(-\frac{11}{3}\right) + \frac{21}{5} = \left(-\frac{55}{15}\right) + \frac{63}{15} = \frac{8}{15}$$

$$4. \quad \left(-2\frac{2}{3}\right) + 5\frac{2}{5} = \left(-\frac{8}{3}\right) + \frac{27}{5} = \left(-\frac{40}{15}\right) + \frac{81}{15} = \frac{41}{15} = 2\frac{11}{15}$$

$$5. \quad \left(-2\frac{1}{2}\right) + \left(-3\frac{3}{5}\right) = \left(-\frac{5}{2}\right) + \left(-\frac{18}{5}\right) = \left(-\frac{25}{10}\right) + \left(-\frac{36}{10}\right) = \left(-\frac{61}{10}\right) = \left(-6\frac{1}{10}\right)$$

$$6. \quad \left(-5\frac{1}{3}\right) + \left(-2\frac{1}{4}\right) = \left(-\frac{16}{3}\right) + \left(-\frac{9}{4}\right) = \left(-\frac{64}{12}\right) + \left(-\frac{27}{12}\right) = \left(-\frac{91}{12}\right) = \left(-7\frac{7}{12}\right)$$

$$7. \quad \left(-1\frac{1}{3}\right) + \frac{3}{5} = \left(-\frac{4}{3}\right) + \frac{3}{5} = \left(-\frac{20}{15}\right) + \frac{9}{15} = \left(-\frac{11}{15}\right)$$

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

$$9. \quad \left(-1\frac{1}{4}\right) + \left(-1\frac{2}{5}\right) = \left(-\frac{5}{4}\right) + \left(-\frac{7}{5}\right) = \left(-\frac{25}{20}\right) + \left(-\frac{28}{20}\right) = \left(-\frac{53}{20}\right) = \left(-2\frac{13}{20}\right)$$

$$10. \quad \left(-4\frac{1}{6}\right) + 1\frac{1}{5} = \left(-\frac{25}{6}\right) + \frac{6}{5} = \left(-\frac{125}{30}\right) + \frac{36}{30} = \left(-\frac{89}{30}\right) = \left(-2\frac{29}{30}\right)$$

Ajouter des fractions mixtes négatives (D)

Nom: _____

Date: _____

Note: _____

Calculez chaque somme.

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

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

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

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

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

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

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

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

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

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

Ajouter des fractions mixtes négatives (D) Réponses

Nom: _____

Date: _____

Note: _____

Calculez chaque somme.

$$1. \quad \left(-4\frac{1}{3}\right) + \frac{1}{2} = \left(-\frac{13}{3}\right) + \frac{1}{2} = \left(-\frac{26}{6}\right) + \frac{3}{6} = \left(-\frac{23}{6}\right) = \left(-3\frac{5}{6}\right)$$

$$2. \quad \left(-4\frac{1}{2}\right) + 2\frac{2}{5} = \left(-\frac{9}{2}\right) + \frac{12}{5} = \left(-\frac{45}{10}\right) + \frac{24}{10} = \left(-\frac{21}{10}\right) = \left(-2\frac{1}{10}\right)$$

$$3. \quad \left(-4\frac{1}{2}\right) + \frac{1}{3} = \left(-\frac{9}{2}\right) + \frac{1}{3} = \left(-\frac{27}{6}\right) + \frac{2}{6} = \left(-\frac{25}{6}\right) = \left(-4\frac{1}{6}\right)$$

$$4. \quad \left(-3\frac{1}{4}\right) + \left(-4\frac{2}{3}\right) = \left(-\frac{13}{4}\right) + \left(-\frac{14}{3}\right) = \left(-\frac{39}{12}\right) + \left(-\frac{56}{12}\right) = \left(-\frac{95}{12}\right) = \left(-7\frac{11}{12}\right)$$

$$5. \quad \left(-2\frac{3}{4}\right) + \left(-2\frac{3}{5}\right) = \left(-\frac{11}{4}\right) + \left(-\frac{13}{5}\right) = \left(-\frac{55}{20}\right) + \left(-\frac{52}{20}\right) = \left(-\frac{107}{20}\right) = \left(-5\frac{7}{20}\right)$$

$$6. \quad \left(-2\frac{5}{6}\right) + \frac{2}{5} = \left(-\frac{17}{6}\right) + \frac{2}{5} = \left(-\frac{85}{30}\right) + \frac{12}{30} = \left(-\frac{73}{30}\right) = \left(-2\frac{13}{30}\right)$$

$$7. \quad \left(-1\frac{2}{3}\right) + \frac{1}{4} = \left(-\frac{5}{3}\right) + \frac{1}{4} = \left(-\frac{20}{12}\right) + \frac{3}{12} = \left(-\frac{17}{12}\right) = \left(-1\frac{5}{12}\right)$$

$$8. \quad \left(-2\frac{1}{5}\right) + 5\frac{1}{2} = \left(-\frac{11}{5}\right) + \frac{11}{2} = \left(-\frac{22}{10}\right) + \frac{55}{10} = \frac{33}{10} = 3\frac{3}{10}$$

$$9. \quad \left(-1\frac{1}{3}\right) + 5\frac{3}{5} = \left(-\frac{4}{3}\right) + \frac{28}{5} = \left(-\frac{20}{15}\right) + \frac{84}{15} = \frac{64}{15} = 4\frac{4}{15}$$

$$10. \quad \left(-3\frac{1}{3}\right) + 5\frac{3}{4} = \left(-\frac{10}{3}\right) + \frac{23}{4} = \left(-\frac{40}{12}\right) + \frac{69}{12} = \frac{29}{12} = 2\frac{5}{12}$$

Ajouter des fractions mixtes négatives (E)

Nom: _____

Date: _____

Note: _____

Calculez chaque somme.

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

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

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

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

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

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

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

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

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

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

Ajouter des fractions mixtes négatives (E) Réponses

Nom: _____

Date: _____

Note: _____

Calculez chaque somme.

$$1. \left(-5\frac{2}{3}\right) + \left(-2\frac{1}{4}\right) = \left(-\frac{17}{3}\right) + \left(-\frac{9}{4}\right) = \left(-\frac{68}{12}\right) + \left(-\frac{27}{12}\right) = \left(-\frac{95}{12}\right) = \left(-7\frac{11}{12}\right)$$

$$2. \left(-1\frac{1}{5}\right) + \left(-2\frac{1}{3}\right) = \left(-\frac{6}{5}\right) + \left(-\frac{7}{3}\right) = \left(-\frac{18}{15}\right) + \left(-\frac{35}{15}\right) = \left(-\frac{53}{15}\right) = \left(-3\frac{8}{15}\right)$$

$$3. \left(-2\frac{1}{3}\right) + \left(-2\frac{3}{4}\right) = \left(-\frac{7}{3}\right) + \left(-\frac{11}{4}\right) = \left(-\frac{28}{12}\right) + \left(-\frac{33}{12}\right) = \left(-\frac{61}{12}\right) = \left(-5\frac{1}{12}\right)$$

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

$$5. \left(-2\frac{3}{4}\right) + \frac{3}{5} = \left(-\frac{11}{4}\right) + \frac{3}{5} = \left(-\frac{55}{20}\right) + \frac{12}{20} = \left(-\frac{43}{20}\right) = \left(-2\frac{3}{20}\right)$$

$$6. \left(-4\frac{1}{2}\right) + 3\frac{2}{5} = \left(-\frac{9}{2}\right) + \frac{17}{5} = \left(-\frac{45}{10}\right) + \frac{34}{10} = \left(-\frac{11}{10}\right) = \left(-1\frac{1}{10}\right)$$

$$7. \left(-1\frac{1}{4}\right) + 1\frac{3}{5} = \left(-\frac{5}{4}\right) + \frac{8}{5} = \left(-\frac{25}{20}\right) + \frac{32}{20} = \frac{7}{20}$$

$$8. \left(-3\frac{2}{3}\right) + 2\frac{3}{5} = \left(-\frac{11}{3}\right) + \frac{13}{5} = \left(-\frac{55}{15}\right) + \frac{39}{15} = \left(-\frac{16}{15}\right) = \left(-1\frac{1}{15}\right)$$

$$9. \left(-3\frac{1}{2}\right) + 4\frac{1}{3} = \left(-\frac{7}{2}\right) + \frac{13}{3} = \left(-\frac{21}{6}\right) + \frac{26}{6} = \frac{5}{6}$$

$$10. \left(-3\frac{2}{3}\right) + 4\frac{1}{2} = \left(-\frac{11}{3}\right) + \frac{9}{2} = \left(-\frac{22}{6}\right) + \frac{27}{6} = \frac{5}{6}$$

Ajouter des fractions mixtes négatives (F)

Nom: _____

Date: _____

Note: _____

Calculez chaque somme.

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

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

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

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

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

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

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

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

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

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

Ajouter des fractions mixtes négatives (F) Réponses

Nom: _____

Date: _____

Note: _____

Calculez chaque somme.

$$1. \quad \left(-3\frac{1}{4}\right) + 5\frac{1}{5} = \left(-\frac{13}{4}\right) + \frac{26}{5} = \left(-\frac{65}{20}\right) + \frac{104}{20} = \frac{39}{20} = 1\frac{19}{20}$$

$$2. \quad \left(-4\frac{3}{4}\right) + 1\frac{1}{3} = \left(-\frac{19}{4}\right) + \frac{4}{3} = \left(-\frac{57}{12}\right) + \frac{16}{12} = \left(-\frac{41}{12}\right) = \left(-3\frac{5}{12}\right)$$

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

$$4. \quad \left(-2\frac{1}{3}\right) + 2\frac{3}{4} = \left(-\frac{7}{3}\right) + \frac{11}{4} = \left(-\frac{28}{12}\right) + \frac{33}{12} = \frac{5}{12}$$

$$5. \quad \left(-2\frac{4}{5}\right) + \left(-4\frac{5}{6}\right) = \left(-\frac{14}{5}\right) + \left(-\frac{29}{6}\right) = \left(-\frac{84}{30}\right) + \left(-\frac{145}{30}\right) = \left(-\frac{229}{30}\right) = \left(-7\frac{19}{30}\right)$$

$$6. \quad \left(-1\frac{1}{2}\right) + \left(-4\frac{4}{5}\right) = \left(-\frac{3}{2}\right) + \left(-\frac{24}{5}\right) = \left(-\frac{15}{10}\right) + \left(-\frac{48}{10}\right) = \left(-\frac{63}{10}\right) = \left(-6\frac{3}{10}\right)$$

$$7. \quad \left(-3\frac{1}{3}\right) + \left(-1\frac{4}{5}\right) = \left(-\frac{10}{3}\right) + \left(-\frac{9}{5}\right) = \left(-\frac{50}{15}\right) + \left(-\frac{27}{15}\right) = \left(-\frac{77}{15}\right) = \left(-5\frac{2}{15}\right)$$

$$8. \quad \left(-1\frac{2}{5}\right) + 1\frac{1}{2} = \left(-\frac{7}{5}\right) + \frac{3}{2} = \left(-\frac{14}{10}\right) + \frac{15}{10} = \frac{1}{10}$$

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

$$10. \quad \left(-2\frac{2}{3}\right) + 2\frac{1}{2} = \left(-\frac{8}{3}\right) + \frac{5}{2} = \left(-\frac{16}{6}\right) + \frac{15}{6} = \left(-\frac{1}{6}\right)$$

Ajouter des fractions mixtes négatives (G)

Nom: _____

Date: _____

Note: _____

Calculez chaque somme.

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

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

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

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

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

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

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

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

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

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

Ajouter des fractions mixtes négatives (G) Réponses

Nom: _____

Date: _____

Note: _____

Calculez chaque somme.

$$1. \left(-3\frac{1}{2}\right) + \left(-5\frac{1}{3}\right) = \left(-\frac{7}{2}\right) + \left(-\frac{16}{3}\right) = \left(-\frac{21}{6}\right) + \left(-\frac{32}{6}\right) = \left(-\frac{53}{6}\right) = \left(-8\frac{5}{6}\right)$$

$$2. \left(-5\frac{2}{3}\right) + \left(-2\frac{1}{4}\right) = \left(-\frac{17}{3}\right) + \left(-\frac{9}{4}\right) = \left(-\frac{68}{12}\right) + \left(-\frac{27}{12}\right) = \left(-\frac{95}{12}\right) = \left(-7\frac{11}{12}\right)$$

$$3. \left(-1\frac{4}{5}\right) + \left(-5\frac{1}{2}\right) = \left(-\frac{9}{5}\right) + \left(-\frac{11}{2}\right) = \left(-\frac{18}{10}\right) + \left(-\frac{55}{10}\right) = \left(-\frac{73}{10}\right) = \left(-7\frac{3}{10}\right)$$

$$4. \left(-5\frac{2}{5}\right) + \left(-1\frac{1}{2}\right) = \left(-\frac{27}{5}\right) + \left(-\frac{3}{2}\right) = \left(-\frac{54}{10}\right) + \left(-\frac{15}{10}\right) = \left(-\frac{69}{10}\right) = \left(-6\frac{9}{10}\right)$$

$$5. \left(-4\frac{2}{3}\right) + \frac{3}{5} = \left(-\frac{14}{3}\right) + \frac{3}{5} = \left(-\frac{70}{15}\right) + \frac{9}{15} = \left(-\frac{61}{15}\right) = \left(-4\frac{1}{15}\right)$$

$$6. \left(-1\frac{1}{6}\right) + \left(-3\frac{3}{5}\right) = \left(-\frac{7}{6}\right) + \left(-\frac{18}{5}\right) = \left(-\frac{35}{30}\right) + \left(-\frac{108}{30}\right) = \left(-\frac{143}{30}\right) = \left(-4\frac{23}{30}\right)$$

$$7. \left(-3\frac{4}{5}\right) + \left(-2\frac{2}{3}\right) = \left(-\frac{19}{5}\right) + \left(-\frac{8}{3}\right) = \left(-\frac{57}{15}\right) + \left(-\frac{40}{15}\right) = \left(-\frac{97}{15}\right) = \left(-6\frac{7}{15}\right)$$

$$8. \left(-1\frac{1}{5}\right) + \left(-4\frac{1}{4}\right) = \left(-\frac{6}{5}\right) + \left(-\frac{17}{4}\right) = \left(-\frac{24}{20}\right) + \left(-\frac{85}{20}\right) = \left(-\frac{109}{20}\right) = \left(-5\frac{9}{20}\right)$$

$$9. \left(-2\frac{4}{5}\right) + \left(-2\frac{1}{3}\right) = \left(-\frac{14}{5}\right) + \left(-\frac{7}{3}\right) = \left(-\frac{42}{15}\right) + \left(-\frac{35}{15}\right) = \left(-\frac{77}{15}\right) = \left(-5\frac{2}{15}\right)$$

$$10. \left(-3\frac{1}{5}\right) + \left(-4\frac{3}{4}\right) = \left(-\frac{16}{5}\right) + \left(-\frac{19}{4}\right) = \left(-\frac{64}{20}\right) + \left(-\frac{95}{20}\right) = \left(-\frac{159}{20}\right) = \left(-7\frac{19}{20}\right)$$

Ajouter des fractions mixtes négatives (H)

Nom: _____

Date: _____

Note: _____

Calculez chaque somme.

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

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

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

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

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

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

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

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

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

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

Ajouter des fractions mixtes négatives (H) Réponses

Nom: _____

Date: _____

Note: _____

Calculez chaque somme.

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

$$2. \left(-4\frac{5}{6}\right) + \left(-2\frac{3}{5}\right) = \left(-\frac{29}{6}\right) + \left(-\frac{13}{5}\right) = \left(-\frac{145}{30}\right) + \left(-\frac{78}{30}\right) = \left(-\frac{223}{30}\right) = \left(-7\frac{13}{30}\right)$$

$$3. \left(-4\frac{2}{5}\right) + \left(-4\frac{1}{3}\right) = \left(-\frac{22}{5}\right) + \left(-\frac{13}{3}\right) = \left(-\frac{66}{15}\right) + \left(-\frac{65}{15}\right) = \left(-\frac{131}{15}\right) = \left(-8\frac{11}{15}\right)$$

$$4. \left(-1\frac{3}{4}\right) + \frac{2}{3} = \left(-\frac{7}{4}\right) + \frac{2}{3} = \left(-\frac{21}{12}\right) + \frac{8}{12} = \left(-\frac{13}{12}\right) = \left(-1\frac{1}{12}\right)$$

$$5. \left(-1\frac{2}{3}\right) + \frac{3}{5} = \left(-\frac{5}{3}\right) + \frac{3}{5} = \left(-\frac{25}{15}\right) + \frac{9}{15} = \left(-\frac{16}{15}\right) = \left(-1\frac{1}{15}\right)$$

$$6. \left(-3\frac{5}{6}\right) + 5\frac{2}{5} = \left(-\frac{23}{6}\right) + \frac{27}{5} = \left(-\frac{115}{30}\right) + \frac{162}{30} = \frac{47}{30} = 1\frac{17}{30}$$

$$7. \left(-2\frac{1}{4}\right) + 2\frac{4}{5} = \left(-\frac{9}{4}\right) + \frac{14}{5} = \left(-\frac{45}{20}\right) + \frac{56}{20} = \frac{11}{20}$$

$$8. \left(-4\frac{5}{6}\right) + 5\frac{3}{5} = \left(-\frac{29}{6}\right) + \frac{28}{5} = \left(-\frac{145}{30}\right) + \frac{168}{30} = \frac{23}{30}$$

$$9. \left(-5\frac{3}{5}\right) + \frac{1}{2} = \left(-\frac{28}{5}\right) + \frac{1}{2} = \left(-\frac{56}{10}\right) + \frac{5}{10} = \left(-\frac{51}{10}\right) = \left(-5\frac{1}{10}\right)$$

$$10. \left(-4\frac{1}{2}\right) + 4\frac{1}{3} = \left(-\frac{9}{2}\right) + \frac{13}{3} = \left(-\frac{27}{6}\right) + \frac{26}{6} = \left(-\frac{1}{6}\right)$$

Ajouter des fractions mixtes négatives (I)

Nom: _____

Date: _____

Note: _____

Calculez chaque somme.

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

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

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

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

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

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

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

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

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

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

Ajouter des fractions mixtes négatives (I) Réponses

Nom: _____

Date: _____

Note: _____

Calculez chaque somme.

$$1. \quad \left(-4\frac{3}{4}\right) + \frac{2}{3} = \left(-\frac{19}{4}\right) + \frac{2}{3} = \left(-\frac{57}{12}\right) + \frac{8}{12} = \left(-\frac{49}{12}\right) = \left(-4\frac{1}{12}\right)$$

$$2. \quad \left(-2\frac{1}{4}\right) + \left(-2\frac{2}{5}\right) = \left(-\frac{9}{4}\right) + \left(-\frac{12}{5}\right) = \left(-\frac{45}{20}\right) + \left(-\frac{48}{20}\right) = \left(-\frac{93}{20}\right) = \left(-4\frac{13}{20}\right)$$

$$3. \quad \left(-2\frac{2}{3}\right) + \frac{1}{4} = \left(-\frac{8}{3}\right) + \frac{1}{4} = \left(-\frac{32}{12}\right) + \frac{3}{12} = \left(-\frac{29}{12}\right) = \left(-2\frac{5}{12}\right)$$

$$4. \quad \left(-2\frac{1}{2}\right) + 3\frac{2}{3} = \left(-\frac{5}{2}\right) + \frac{11}{3} = \left(-\frac{15}{6}\right) + \frac{22}{6} = \frac{7}{6} = 1\frac{1}{6}$$

$$5. \quad \left(-4\frac{1}{2}\right) + \left(-4\frac{1}{3}\right) = \left(-\frac{9}{2}\right) + \left(-\frac{13}{3}\right) = \left(-\frac{27}{6}\right) + \left(-\frac{26}{6}\right) = \left(-\frac{53}{6}\right) = \left(-8\frac{5}{6}\right)$$

$$6. \quad \left(-5\frac{1}{2}\right) + \left(-3\frac{2}{5}\right) = \left(-\frac{11}{2}\right) + \left(-\frac{17}{5}\right) = \left(-\frac{55}{10}\right) + \left(-\frac{34}{10}\right) = \left(-\frac{89}{10}\right) = \left(-8\frac{9}{10}\right)$$

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

$$8. \quad \left(-3\frac{1}{2}\right) + \left(-2\frac{1}{3}\right) = \left(-\frac{7}{2}\right) + \left(-\frac{7}{3}\right) = \left(-\frac{21}{6}\right) + \left(-\frac{14}{6}\right) = \left(-\frac{35}{6}\right) = \left(-5\frac{5}{6}\right)$$

$$9. \quad \left(-5\frac{1}{2}\right) + \frac{2}{3} = \left(-\frac{11}{2}\right) + \frac{2}{3} = \left(-\frac{33}{6}\right) + \frac{4}{6} = \left(-\frac{29}{6}\right) = \left(-4\frac{5}{6}\right)$$

$$10. \quad \left(-3\frac{2}{5}\right) + \left(-2\frac{1}{6}\right) = \left(-\frac{17}{5}\right) + \left(-\frac{13}{6}\right) = \left(-\frac{102}{30}\right) + \left(-\frac{65}{30}\right) = \left(-\frac{167}{30}\right) = \left(-5\frac{17}{30}\right)$$

Ajouter des fractions mixtes négatives (J)

Nom: _____

Date: _____

Note: _____

Calculez chaque somme.

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

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

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

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

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

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

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

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

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

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

Ajouter des fractions mixtes négatives (J) Réponses

Nom: _____

Date: _____

Note: _____

Calculez chaque somme.

$$1. \quad \left(-5\frac{1}{2}\right) + \frac{1}{3} = \left(-\frac{11}{2}\right) + \frac{1}{3} = \left(-\frac{33}{6}\right) + \frac{2}{6} = \left(-\frac{31}{6}\right) = \left(-5\frac{1}{6}\right)$$

$$2. \quad \left(-3\frac{2}{3}\right) + \left(-5\frac{1}{5}\right) = \left(-\frac{11}{3}\right) + \left(-\frac{26}{5}\right) = \left(-\frac{55}{15}\right) + \left(-\frac{78}{15}\right) = \left(-\frac{133}{15}\right) = \left(-8\frac{13}{15}\right)$$

$$3. \quad \left(-1\frac{1}{3}\right) + \left(-4\frac{1}{2}\right) = \left(-\frac{4}{3}\right) + \left(-\frac{9}{2}\right) = \left(-\frac{8}{6}\right) + \left(-\frac{27}{6}\right) = \left(-\frac{35}{6}\right) = \left(-5\frac{5}{6}\right)$$

$$4. \quad \left(-2\frac{2}{5}\right) + \frac{1}{4} = \left(-\frac{12}{5}\right) + \frac{1}{4} = \left(-\frac{48}{20}\right) + \frac{5}{20} = \left(-\frac{43}{20}\right) = \left(-2\frac{3}{20}\right)$$

$$5. \quad \left(-1\frac{2}{3}\right) + \left(-4\frac{3}{4}\right) = \left(-\frac{5}{3}\right) + \left(-\frac{19}{4}\right) = \left(-\frac{20}{12}\right) + \left(-\frac{57}{12}\right) = \left(-\frac{77}{12}\right) = \left(-6\frac{5}{12}\right)$$

$$6. \quad \left(-5\frac{3}{5}\right) + 1\frac{1}{3} = \left(-\frac{28}{5}\right) + \frac{4}{3} = \left(-\frac{84}{15}\right) + \frac{20}{15} = \left(-\frac{64}{15}\right) = \left(-4\frac{4}{15}\right)$$

$$7. \quad \left(-3\frac{1}{2}\right) + 4\frac{1}{3} = \left(-\frac{7}{2}\right) + \frac{13}{3} = \left(-\frac{21}{6}\right) + \frac{26}{6} = \frac{5}{6}$$

$$8. \quad \left(-4\frac{3}{5}\right) + \left(-1\frac{5}{6}\right) = \left(-\frac{23}{5}\right) + \left(-\frac{11}{6}\right) = \left(-\frac{138}{30}\right) + \left(-\frac{55}{30}\right) = \left(-\frac{193}{30}\right) = \left(-6\frac{13}{30}\right)$$

$$9. \quad \left(-5\frac{2}{3}\right) + 2\frac{1}{4} = \left(-\frac{17}{3}\right) + \frac{9}{4} = \left(-\frac{68}{12}\right) + \frac{27}{12} = \left(-\frac{41}{12}\right) = \left(-3\frac{5}{12}\right)$$

$$10. \quad \left(-4\frac{2}{3}\right) + \left(-2\frac{1}{2}\right) = \left(-\frac{14}{3}\right) + \left(-\frac{5}{2}\right) = \left(-\frac{28}{6}\right) + \left(-\frac{15}{6}\right) = \left(-\frac{43}{6}\right) = \left(-7\frac{1}{6}\right)$$