

## Ajouter des fractions propres négatives (A)

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

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

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

Calculez chaque somme.

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

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

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

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

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

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

7.  $\left(-\frac{4}{8}\right) + \left(-\frac{2}{7}\right) =$

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

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

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

## Ajouter des fractions propres négatives (A) Réponses

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

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

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

Calculez chaque somme.

$$1. \quad \left(-\frac{3}{5}\right) + \frac{2}{6} = \left(-\frac{18}{30}\right) + \frac{10}{30} = \left(-\frac{8}{30}\right) = \left(-\frac{4}{15}\right)$$

$$2. \quad \left(-\frac{1}{2}\right) + \left(-\frac{4}{11}\right) = \left(-\frac{11}{22}\right) + \left(-\frac{8}{22}\right) = \left(-\frac{19}{22}\right)$$

$$3. \quad \left(-\frac{8}{9}\right) + \frac{2}{5} = \left(-\frac{40}{45}\right) + \frac{18}{45} = \left(-\frac{22}{45}\right)$$

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

$$5. \quad \left(-\frac{4}{5}\right) + \frac{1}{8} = \left(-\frac{32}{40}\right) + \frac{5}{40} = \left(-\frac{27}{40}\right)$$

$$6. \quad \left(-\frac{6}{11}\right) + \left(-\frac{2}{5}\right) = \left(-\frac{30}{55}\right) + \left(-\frac{22}{55}\right) = \left(-\frac{52}{55}\right)$$

$$7. \quad \left(-\frac{4}{8}\right) + \left(-\frac{2}{7}\right) = \left(-\frac{28}{56}\right) + \left(-\frac{16}{56}\right) = \left(-\frac{44}{56}\right) = \left(-\frac{11}{14}\right)$$

$$8. \quad \left(-\frac{1}{5}\right) + \left(-\frac{1}{8}\right) = \left(-\frac{8}{40}\right) + \left(-\frac{5}{40}\right) = \left(-\frac{13}{40}\right)$$

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

$$10. \quad \left(-\frac{3}{7}\right) + \frac{3}{5} = \left(-\frac{15}{35}\right) + \frac{21}{35} = \frac{6}{35}$$

## Ajouter des fractions propres négatives (B)

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

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

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

Calculez chaque somme.

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

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

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

4.  $\left(-\frac{2}{8}\right) + \frac{6}{11} =$

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

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

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

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

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

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

## Ajouter des fractions propres négatives (B) Réponses

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

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

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

Calculez chaque somme.

$$1. \left(-\frac{4}{9}\right) + \left(-\frac{2}{4}\right) = \left(-\frac{16}{36}\right) + \left(-\frac{18}{36}\right) = \left(-\frac{34}{36}\right) = \left(-\frac{17}{18}\right)$$

$$2. \left(-\frac{4}{9}\right) + \left(-\frac{1}{7}\right) = \left(-\frac{28}{63}\right) + \left(-\frac{9}{63}\right) = \left(-\frac{37}{63}\right)$$

$$3. \left(-\frac{1}{11}\right) + \left(-\frac{3}{6}\right) = \left(-\frac{6}{66}\right) + \left(-\frac{33}{66}\right) = \left(-\frac{39}{66}\right) = \left(-\frac{13}{22}\right)$$

$$4. \left(-\frac{2}{8}\right) + \frac{6}{11} = \left(-\frac{22}{88}\right) + \frac{48}{88} = \frac{26}{88} = \frac{13}{44}$$

$$5. \left(-\frac{7}{9}\right) + \left(-\frac{2}{11}\right) = \left(-\frac{77}{99}\right) + \left(-\frac{18}{99}\right) = \left(-\frac{95}{99}\right)$$

$$6. \left(-\frac{2}{8}\right) + \frac{1}{7} = \left(-\frac{14}{56}\right) + \frac{8}{56} = \left(-\frac{6}{56}\right) = \left(-\frac{3}{28}\right)$$

$$7. \left(-\frac{1}{2}\right) + \frac{2}{5} = \left(-\frac{5}{10}\right) + \frac{4}{10} = \left(-\frac{1}{10}\right)$$

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

$$9. \left(-\frac{1}{4}\right) + \frac{5}{9} = \left(-\frac{9}{36}\right) + \frac{20}{36} = \frac{11}{36}$$

$$10. \left(-\frac{10}{11}\right) + \frac{2}{8} = \left(-\frac{80}{88}\right) + \frac{22}{88} = \left(-\frac{58}{88}\right) = \left(-\frac{29}{44}\right)$$

## Ajouter des fractions propres négatives (C)

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

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

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

Calculez chaque somme.

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

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

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

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

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

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

7.  $\left(-\frac{8}{12}\right) + \frac{3}{7} =$

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

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

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

## Ajouter des fractions propres négatives (C) Réponses

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

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

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

Calculez chaque somme.

$$1. \quad \left(-\frac{3}{12}\right) + \frac{1}{7} = \left(-\frac{21}{84}\right) + \frac{12}{84} = \left(-\frac{9}{84}\right) = \left(-\frac{3}{28}\right)$$

$$2. \quad \left(-\frac{5}{8}\right) + \frac{1}{11} = \left(-\frac{55}{88}\right) + \frac{8}{88} = \left(-\frac{47}{88}\right)$$

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

$$4. \quad \left(-\frac{1}{2}\right) + \frac{8}{9} = \left(-\frac{9}{18}\right) + \frac{16}{18} = \frac{7}{18}$$

$$5. \quad \left(-\frac{2}{9}\right) + \frac{6}{11} = \left(-\frac{22}{99}\right) + \frac{54}{99} = \frac{32}{99}$$

$$6. \quad \left(-\frac{3}{4}\right) + \frac{2}{3} = \left(-\frac{9}{12}\right) + \frac{8}{12} = \left(-\frac{1}{12}\right)$$

$$7. \quad \left(-\frac{8}{12}\right) + \frac{3}{7} = \left(-\frac{56}{84}\right) + \frac{36}{84} = \left(-\frac{20}{84}\right) = \left(-\frac{5}{21}\right)$$

$$8. \quad \left(-\frac{4}{5}\right) + \left(-\frac{1}{12}\right) = \left(-\frac{48}{60}\right) + \left(-\frac{5}{60}\right) = \left(-\frac{53}{60}\right)$$

$$9. \quad \left(-\frac{1}{5}\right) + \frac{6}{7} = \left(-\frac{7}{35}\right) + \frac{30}{35} = \frac{23}{35}$$

$$10. \quad \left(-\frac{4}{12}\right) + \frac{4}{11} = \left(-\frac{44}{132}\right) + \frac{48}{132} = \frac{4}{132} = \frac{1}{33}$$

## Ajouter des fractions propres négatives (D)

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

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

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

Calculez chaque somme.

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

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

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

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

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

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

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

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

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

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

## Ajouter des fractions propres négatives (D) Réponses

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

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

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

Calculez chaque somme.

$$1. \quad \left(-\frac{2}{8}\right) + \frac{4}{7} = \left(-\frac{14}{56}\right) + \frac{32}{56} = \frac{18}{56} = \frac{9}{28}$$

$$2. \quad \left(-\frac{1}{3}\right) + \frac{5}{7} = \left(-\frac{7}{21}\right) + \frac{15}{21} = \frac{8}{21}$$

$$3. \quad \left(-\frac{1}{6}\right) + \left(-\frac{3}{11}\right) = \left(-\frac{11}{66}\right) + \left(-\frac{18}{66}\right) = \left(-\frac{29}{66}\right)$$

$$4. \quad \left(-\frac{1}{11}\right) + \frac{11}{12} = \left(-\frac{12}{132}\right) + \frac{121}{132} = \frac{109}{132}$$

$$5. \quad \left(-\frac{4}{7}\right) + \frac{5}{8} = \left(-\frac{32}{56}\right) + \frac{35}{56} = \frac{3}{56}$$

$$6. \quad \left(-\frac{1}{10}\right) + \left(-\frac{1}{7}\right) = \left(-\frac{7}{70}\right) + \left(-\frac{10}{70}\right) = \left(-\frac{17}{70}\right)$$

$$7. \quad \left(-\frac{1}{11}\right) + \left(-\frac{1}{7}\right) = \left(-\frac{7}{77}\right) + \left(-\frac{11}{77}\right) = \left(-\frac{18}{77}\right)$$

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

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

$$10. \quad \left(-\frac{7}{9}\right) + \frac{1}{2} = \left(-\frac{14}{18}\right) + \frac{9}{18} = \left(-\frac{5}{18}\right)$$



## Ajouter des fractions propres négatives (E)

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

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

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

Calculez chaque somme.

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

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

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

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

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

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

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

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

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

10.  $\left(-\frac{1}{8}\right) + \frac{6}{11} =$

## Ajouter des fractions propres négatives (E) Réponses

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

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

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

Calculez chaque somme.

$$1. \quad \left(-\frac{6}{8}\right) + \frac{6}{7} = \left(-\frac{42}{56}\right) + \frac{48}{56} = \frac{6}{56} = \frac{3}{28}$$

$$2. \quad \left(-\frac{6}{11}\right) + \frac{2}{7} = \left(-\frac{42}{77}\right) + \frac{22}{77} = \left(-\frac{20}{77}\right)$$

$$3. \quad \left(-\frac{1}{7}\right) + \left(-\frac{6}{9}\right) = \left(-\frac{9}{63}\right) + \left(-\frac{42}{63}\right) = \left(-\frac{51}{63}\right) = \left(-\frac{17}{21}\right)$$

$$4. \quad \left(-\frac{2}{6}\right) + \frac{4}{5} = \left(-\frac{10}{30}\right) + \frac{24}{30} = \frac{14}{30} = \frac{7}{15}$$

$$5. \quad \left(-\frac{4}{7}\right) + \left(-\frac{4}{10}\right) = \left(-\frac{40}{70}\right) + \left(-\frac{28}{70}\right) = \left(-\frac{68}{70}\right) = \left(-\frac{34}{35}\right)$$

$$6. \quad \left(-\frac{5}{7}\right) + \frac{5}{10} = \left(-\frac{50}{70}\right) + \frac{35}{70} = \left(-\frac{15}{70}\right) = \left(-\frac{3}{14}\right)$$

$$7. \quad \left(-\frac{10}{11}\right) + \frac{1}{10} = \left(-\frac{100}{110}\right) + \frac{11}{110} = \left(-\frac{89}{110}\right)$$

$$8. \quad \left(-\frac{8}{11}\right) + \frac{3}{8} = \left(-\frac{64}{88}\right) + \frac{33}{88} = \left(-\frac{31}{88}\right)$$

$$9. \quad \left(-\frac{3}{11}\right) + \frac{4}{5} = \left(-\frac{15}{55}\right) + \frac{44}{55} = \frac{29}{55}$$

$$10. \quad \left(-\frac{1}{8}\right) + \frac{6}{11} = \left(-\frac{11}{88}\right) + \frac{48}{88} = \frac{37}{88}$$

## Ajouter des fractions propres négatives (F)

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

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

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

Calculez chaque somme.

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

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

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

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

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

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

7.  $\left(-\frac{8}{10}\right) + \frac{5}{9} =$

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

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

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

## Ajouter des fractions propres négatives (F) Réponses

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

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

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

Calculez chaque somme.

$$1. \left(-\frac{2}{6}\right) + \left(-\frac{5}{11}\right) = \left(-\frac{22}{66}\right) + \left(-\frac{30}{66}\right) = \left(-\frac{52}{66}\right) = \left(-\frac{26}{33}\right)$$

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

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

$$4. \left(-\frac{1}{8}\right) + \frac{4}{5} = \left(-\frac{5}{40}\right) + \frac{32}{40} = \frac{27}{40}$$

$$5. \left(-\frac{1}{7}\right) + \left(-\frac{3}{6}\right) = \left(-\frac{6}{42}\right) + \left(-\frac{21}{42}\right) = \left(-\frac{27}{42}\right) = \left(-\frac{9}{14}\right)$$

$$6. \left(-\frac{2}{7}\right) + \frac{1}{4} = \left(-\frac{8}{28}\right) + \frac{7}{28} = \left(-\frac{1}{28}\right)$$

$$7. \left(-\frac{8}{10}\right) + \frac{5}{9} = \left(-\frac{72}{90}\right) + \frac{50}{90} = \left(-\frac{22}{90}\right) = \left(-\frac{11}{45}\right)$$

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

$$9. \left(-\frac{5}{7}\right) + \frac{3}{12} = \left(-\frac{60}{84}\right) + \frac{21}{84} = \left(-\frac{39}{84}\right) = \left(-\frac{13}{28}\right)$$

$$10. \left(-\frac{2}{7}\right) + \frac{3}{9} = \left(-\frac{18}{63}\right) + \frac{21}{63} = \frac{3}{63} = \frac{1}{21}$$

## Ajouter des fractions propres négatives (G)

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

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

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

Calculez chaque somme.

1.  $\left(-\frac{1}{5}\right) + \frac{8}{12} =$

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

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

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

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

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

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

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

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

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

## Ajouter des fractions propres négatives (G) Réponses

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

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

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

Calculez chaque somme.

$$1. \quad \left(-\frac{1}{5}\right) + \frac{8}{12} = \left(-\frac{12}{60}\right) + \frac{40}{60} = \frac{28}{60} = \frac{7}{15}$$

$$2. \quad \left(-\frac{1}{3}\right) + \frac{1}{8} = \left(-\frac{8}{24}\right) + \frac{3}{24} = \left(-\frac{5}{24}\right)$$

$$3. \quad \left(-\frac{1}{2}\right) + \frac{10}{11} = \left(-\frac{11}{22}\right) + \frac{20}{22} = \frac{9}{22}$$

$$4. \quad \left(-\frac{5}{10}\right) + \left(-\frac{1}{7}\right) = \left(-\frac{35}{70}\right) + \left(-\frac{10}{70}\right) = \left(-\frac{45}{70}\right) = \left(-\frac{9}{14}\right)$$

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

$$6. \quad \left(-\frac{1}{11}\right) + \frac{2}{6} = \left(-\frac{6}{66}\right) + \frac{22}{66} = \frac{16}{66} = \frac{8}{33}$$

$$7. \quad \left(-\frac{1}{8}\right) + \left(-\frac{2}{3}\right) = \left(-\frac{3}{24}\right) + \left(-\frac{16}{24}\right) = \left(-\frac{19}{24}\right)$$

$$8. \quad \left(-\frac{6}{12}\right) + \frac{3}{7} = \left(-\frac{42}{84}\right) + \frac{36}{84} = \left(-\frac{6}{84}\right) = \left(-\frac{1}{14}\right)$$

$$9. \quad \left(-\frac{6}{12}\right) + \frac{2}{11} = \left(-\frac{66}{132}\right) + \frac{24}{132} = \left(-\frac{42}{132}\right) = \left(-\frac{7}{22}\right)$$

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

## Ajouter des fractions propres négatives (H)

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

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

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

Calculez chaque somme.

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

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

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

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

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

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

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

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

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

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

## Ajouter des fractions propres négatives (H) Réponses

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

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

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

Calculez chaque somme.

$$1. \quad \left(-\frac{4}{5}\right) + \frac{4}{12} = \left(-\frac{48}{60}\right) + \frac{20}{60} = \left(-\frac{28}{60}\right) = \left(-\frac{7}{15}\right)$$

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

$$3. \quad \left(-\frac{5}{12}\right) + \frac{6}{7} = \left(-\frac{35}{84}\right) + \frac{72}{84} = \frac{37}{84}$$

$$4. \quad \left(-\frac{1}{2}\right) + \left(-\frac{5}{11}\right) = \left(-\frac{11}{22}\right) + \left(-\frac{10}{22}\right) = \left(-\frac{21}{22}\right)$$

$$5. \quad \left(-\frac{6}{7}\right) + \frac{6}{11} = \left(-\frac{66}{77}\right) + \frac{42}{77} = \left(-\frac{24}{77}\right)$$

$$6. \quad \left(-\frac{2}{12}\right) + \left(-\frac{2}{5}\right) = \left(-\frac{10}{60}\right) + \left(-\frac{24}{60}\right) = \left(-\frac{34}{60}\right) = \left(-\frac{17}{30}\right)$$

$$7. \quad \left(-\frac{5}{12}\right) + \left(-\frac{2}{11}\right) = \left(-\frac{55}{132}\right) + \left(-\frac{24}{132}\right) = \left(-\frac{79}{132}\right)$$

$$8. \quad \left(-\frac{4}{12}\right) + \left(-\frac{3}{5}\right) = \left(-\frac{20}{60}\right) + \left(-\frac{36}{60}\right) = \left(-\frac{56}{60}\right) = \left(-\frac{14}{15}\right)$$

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

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



## Ajouter des fractions propres négatives (I)

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

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

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

Calculez chaque somme.

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

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

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

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

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

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

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

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

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

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

## Ajouter des fractions propres négatives (I) Réponses

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

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

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

Calculez chaque somme.

$$1. \left(-\frac{3}{11}\right) + \left(-\frac{3}{12}\right) = \left(-\frac{36}{132}\right) + \left(-\frac{33}{132}\right) = \left(-\frac{69}{132}\right) = \left(-\frac{23}{44}\right)$$

$$2. \left(-\frac{1}{5}\right) + \left(-\frac{2}{4}\right) = \left(-\frac{4}{20}\right) + \left(-\frac{10}{20}\right) = \left(-\frac{14}{20}\right) = \left(-\frac{7}{10}\right)$$

$$3. \left(-\frac{1}{8}\right) + \frac{2}{7} = \left(-\frac{7}{56}\right) + \frac{16}{56} = \frac{9}{56}$$

$$4. \left(-\frac{2}{6}\right) + \left(-\frac{2}{7}\right) = \left(-\frac{14}{42}\right) + \left(-\frac{12}{42}\right) = \left(-\frac{26}{42}\right) = \left(-\frac{13}{21}\right)$$

$$5. \left(-\frac{5}{6}\right) + \frac{4}{5} = \left(-\frac{25}{30}\right) + \frac{24}{30} = \left(-\frac{1}{30}\right)$$

$$6. \left(-\frac{1}{5}\right) + \left(-\frac{4}{9}\right) = \left(-\frac{9}{45}\right) + \left(-\frac{20}{45}\right) = \left(-\frac{29}{45}\right)$$

$$7. \left(-\frac{2}{4}\right) + \frac{4}{5} = \left(-\frac{10}{20}\right) + \frac{16}{20} = \frac{6}{20} = \frac{3}{10}$$

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

$$9. \left(-\frac{3}{10}\right) + \frac{1}{3} = \left(-\frac{9}{30}\right) + \frac{10}{30} = \frac{1}{30}$$

$$10. \left(-\frac{3}{6}\right) + \frac{2}{11} = \left(-\frac{33}{66}\right) + \frac{12}{66} = \left(-\frac{21}{66}\right) = \left(-\frac{7}{22}\right)$$

## Ajouter des fractions propres négatives (J)

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

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

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

Calculez chaque somme.

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

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

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

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

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

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

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

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

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

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

## Ajouter des fractions propres négatives (J) Réponses

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

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

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

Calculez chaque somme.

$$1. \left(-\frac{2}{3}\right) + \frac{8}{10} = \left(-\frac{20}{30}\right) + \frac{24}{30} = \frac{4}{30} = \frac{2}{15}$$

$$2. \left(-\frac{2}{11}\right) + \frac{4}{6} = \left(-\frac{12}{66}\right) + \frac{44}{66} = \frac{32}{66} = \frac{16}{33}$$

$$3. \left(-\frac{4}{9}\right) + \frac{3}{8} = \left(-\frac{32}{72}\right) + \frac{27}{72} = \left(-\frac{5}{72}\right)$$

$$4. \left(-\frac{11}{12}\right) + \frac{6}{11} = \left(-\frac{121}{132}\right) + \frac{72}{132} = \left(-\frac{49}{132}\right)$$

$$5. \left(-\frac{3}{7}\right) + \frac{5}{6} = \left(-\frac{18}{42}\right) + \frac{35}{42} = \frac{17}{42}$$

$$6. \left(-\frac{1}{10}\right) + \frac{3}{9} = \left(-\frac{9}{90}\right) + \frac{30}{90} = \frac{21}{90} = \frac{7}{30}$$

$$7. \left(-\frac{5}{7}\right) + \frac{4}{10} = \left(-\frac{50}{70}\right) + \frac{28}{70} = \left(-\frac{22}{70}\right) = \left(-\frac{11}{35}\right)$$

$$8. \left(-\frac{2}{9}\right) + \frac{9}{11} = \left(-\frac{22}{99}\right) + \frac{81}{99} = \frac{59}{99}$$

$$9. \left(-\frac{4}{9}\right) + \frac{2}{4} = \left(-\frac{16}{36}\right) + \frac{18}{36} = \frac{2}{36} = \frac{1}{18}$$

$$10. \left(-\frac{3}{12}\right) + \frac{10}{11} = \left(-\frac{33}{132}\right) + \frac{120}{132} = \frac{87}{132} = \frac{29}{44}$$