

## Soustraire des fractions propres négatives (A)

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

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

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

Calculez chaque différence.

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

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

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

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

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

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

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

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

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

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

## Soustraire des fractions propres négatives (A) Réponses

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

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

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

Calculez chaque différence.

$$1. \left(-\frac{4}{10}\right) - \left(-\frac{3}{9}\right) = \left(-\frac{36}{90}\right) - \left(-\frac{30}{90}\right) = \left(-\frac{6}{90}\right) = \left(-\frac{1}{15}\right)$$

$$2. \left(-\frac{1}{10}\right) - \left(-\frac{4}{9}\right) = \left(-\frac{9}{90}\right) - \left(-\frac{40}{90}\right) = \frac{31}{90}$$

$$3. \left(-\frac{4}{11}\right) - \frac{3}{5} = \left(-\frac{20}{55}\right) - \frac{33}{55} = \left(-\frac{53}{55}\right)$$

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

$$5. \left(-\frac{2}{6}\right) - \frac{3}{7} = \left(-\frac{14}{42}\right) - \frac{18}{42} = \left(-\frac{32}{42}\right) = \left(-\frac{16}{21}\right)$$

$$6. \left(-\frac{3}{12}\right) - \left(-\frac{3}{5}\right) = \left(-\frac{15}{60}\right) - \left(-\frac{36}{60}\right) = \frac{21}{60} = \frac{7}{20}$$

$$7. \left(-\frac{1}{9}\right) - \left(-\frac{3}{5}\right) = \left(-\frac{5}{45}\right) - \left(-\frac{27}{45}\right) = \frac{22}{45}$$

$$8. \left(-\frac{2}{3}\right) - \frac{2}{7} = \left(-\frac{14}{21}\right) - \frac{6}{21} = \left(-\frac{20}{21}\right)$$

$$9. \left(-\frac{7}{8}\right) - \left(-\frac{7}{11}\right) = \left(-\frac{77}{88}\right) - \left(-\frac{56}{88}\right) = \left(-\frac{21}{88}\right)$$

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

## Soustraire des fractions propres négatives (B)

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

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

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

Calculez chaque différence.

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

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

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

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

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

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

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

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

9.  $\left(-\frac{10}{11}\right) - \left(-\frac{3}{5}\right) =$

10.  $\left(-\frac{8}{11}\right) - \left(-\frac{5}{6}\right) =$

## Soustraire des fractions propres négatives (B) Réponses

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

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

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

Calculez chaque différence.

$$1. \left(-\frac{2}{4}\right) - \left(-\frac{6}{11}\right) = \left(-\frac{22}{44}\right) - \left(-\frac{24}{44}\right) = \frac{2}{44} = \frac{1}{22}$$

$$2. \left(-\frac{2}{3}\right) - \frac{1}{4} = \left(-\frac{8}{12}\right) - \frac{3}{12} = \left(-\frac{11}{12}\right)$$

$$3. \left(-\frac{2}{6}\right) - \frac{2}{5} = \left(-\frac{10}{30}\right) - \frac{12}{30} = \left(-\frac{22}{30}\right) = \left(-\frac{11}{15}\right)$$

$$4. \left(-\frac{7}{12}\right) - \left(-\frac{7}{11}\right) = \left(-\frac{77}{132}\right) - \left(-\frac{84}{132}\right) = \frac{7}{132}$$

$$5. \left(-\frac{2}{7}\right) - \left(-\frac{4}{6}\right) = \left(-\frac{12}{42}\right) - \left(-\frac{28}{42}\right) = \frac{16}{42} = \frac{8}{21}$$

$$6. \left(-\frac{5}{9}\right) - \left(-\frac{3}{4}\right) = \left(-\frac{20}{36}\right) - \left(-\frac{27}{36}\right) = \frac{7}{36}$$

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

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

$$9. \left(-\frac{10}{11}\right) - \left(-\frac{3}{5}\right) = \left(-\frac{50}{55}\right) - \left(-\frac{33}{55}\right) = \left(-\frac{17}{55}\right)$$

$$10. \left(-\frac{8}{11}\right) - \left(-\frac{5}{6}\right) = \left(-\frac{48}{66}\right) - \left(-\frac{55}{66}\right) = \frac{7}{66}$$

## Soustraire des fractions propres négatives (C)

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

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

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

Calculez chaque différence.

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

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

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

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

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

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

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

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

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

10.  $\left(-\frac{8}{10}\right) - \left(-\frac{5}{11}\right) =$

## Soustraire des fractions propres négatives (C) Réponses

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

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

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

Calculez chaque différence.

$$1. \left(-\frac{6}{7}\right) - \left(-\frac{2}{12}\right) = \left(-\frac{72}{84}\right) - \left(-\frac{14}{84}\right) = \left(-\frac{58}{84}\right) = \left(-\frac{29}{42}\right)$$

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

$$3. \left(-\frac{1}{6}\right) - \frac{5}{7} = \left(-\frac{7}{42}\right) - \frac{30}{42} = \left(-\frac{37}{42}\right)$$

$$4. \left(-\frac{2}{11}\right) - \left(-\frac{5}{8}\right) = \left(-\frac{16}{88}\right) - \left(-\frac{55}{88}\right) = \frac{39}{88}$$

$$5. \left(-\frac{1}{12}\right) - \left(-\frac{1}{5}\right) = \left(-\frac{5}{60}\right) - \left(-\frac{12}{60}\right) = \frac{7}{60}$$

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

$$7. \left(-\frac{1}{2}\right) - \frac{2}{11} = \left(-\frac{11}{22}\right) - \frac{4}{22} = \left(-\frac{15}{22}\right)$$

$$8. \left(-\frac{2}{4}\right) - \left(-\frac{4}{7}\right) = \left(-\frac{14}{28}\right) - \left(-\frac{16}{28}\right) = \frac{2}{28} = \frac{1}{14}$$

$$9. \left(-\frac{2}{9}\right) - \left(-\frac{1}{2}\right) = \left(-\frac{4}{18}\right) - \left(-\frac{9}{18}\right) = \frac{5}{18}$$

$$10. \left(-\frac{8}{10}\right) - \left(-\frac{5}{11}\right) = \left(-\frac{88}{110}\right) - \left(-\frac{50}{110}\right) = \left(-\frac{38}{110}\right) = \left(-\frac{19}{55}\right)$$

## Soustraire des fractions propres négatives (D)

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

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

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

Calculez chaque différence.

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

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

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

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

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

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

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

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

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

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

## Soustraire des fractions propres négatives (D) Réponses

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

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

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

Calculez chaque différence.

$$1. \left(-\frac{4}{6}\right) - \left(-\frac{1}{5}\right) = \left(-\frac{20}{30}\right) - \left(-\frac{6}{30}\right) = \left(-\frac{14}{30}\right) = \left(-\frac{7}{15}\right)$$

$$2. \left(-\frac{1}{6}\right) - \left(-\frac{2}{7}\right) = \left(-\frac{7}{42}\right) - \left(-\frac{12}{42}\right) = \frac{5}{42}$$

$$3. \left(-\frac{2}{6}\right) - \frac{1}{11} = \left(-\frac{22}{66}\right) - \frac{6}{66} = \left(-\frac{28}{66}\right) = \left(-\frac{14}{33}\right)$$

$$4. \left(-\frac{7}{9}\right) - \left(-\frac{1}{10}\right) = \left(-\frac{70}{90}\right) - \left(-\frac{9}{90}\right) = \left(-\frac{61}{90}\right)$$

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

$$6. \left(-\frac{5}{10}\right) - \left(-\frac{4}{7}\right) = \left(-\frac{35}{70}\right) - \left(-\frac{40}{70}\right) = \frac{5}{70} = \frac{1}{14}$$

$$7. \left(-\frac{2}{5}\right) - \left(-\frac{1}{4}\right) = \left(-\frac{8}{20}\right) - \left(-\frac{5}{20}\right) = \left(-\frac{3}{20}\right)$$

$$8. \left(-\frac{4}{6}\right) - \frac{1}{5} = \left(-\frac{20}{30}\right) - \frac{6}{30} = \left(-\frac{26}{30}\right) = \left(-\frac{13}{15}\right)$$

$$9. \left(-\frac{6}{9}\right) - \left(-\frac{2}{4}\right) = \left(-\frac{24}{36}\right) - \left(-\frac{18}{36}\right) = \left(-\frac{6}{36}\right) = \left(-\frac{1}{6}\right)$$

$$10. \left(-\frac{7}{9}\right) - \left(-\frac{5}{7}\right) = \left(-\frac{49}{63}\right) - \left(-\frac{45}{63}\right) = \left(-\frac{4}{63}\right)$$



## Soustraire des fractions propres négatives (E)

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

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

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

Calculez chaque différence.

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

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

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

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

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

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

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

8.  $\left(-\frac{4}{9}\right) - \frac{6}{11} =$

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

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

## Soustraire des fractions propres négatives (E) Réponses

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

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

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

Calculez chaque différence.

$$1. \left(-\frac{4}{6}\right) - \left(-\frac{3}{7}\right) = \left(-\frac{28}{42}\right) - \left(-\frac{18}{42}\right) = \left(-\frac{10}{42}\right) = \left(-\frac{5}{21}\right)$$

$$2. \left(-\frac{4}{10}\right) - \frac{1}{3} = \left(-\frac{12}{30}\right) - \frac{10}{30} = \left(-\frac{22}{30}\right) = \left(-\frac{11}{15}\right)$$

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

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

$$5. \left(-\frac{4}{12}\right) - \left(-\frac{2}{5}\right) = \left(-\frac{20}{60}\right) - \left(-\frac{24}{60}\right) = \frac{4}{60} = \frac{1}{15}$$

$$6. \left(-\frac{8}{10}\right) - \left(-\frac{2}{3}\right) = \left(-\frac{24}{30}\right) - \left(-\frac{20}{30}\right) = \left(-\frac{4}{30}\right) = \left(-\frac{2}{15}\right)$$

$$7. \left(-\frac{2}{12}\right) - \frac{1}{7} = \left(-\frac{14}{84}\right) - \frac{12}{84} = \left(-\frac{26}{84}\right) = \left(-\frac{13}{42}\right)$$

$$8. \left(-\frac{4}{9}\right) - \frac{6}{11} = \left(-\frac{44}{99}\right) - \frac{54}{99} = \left(-\frac{98}{99}\right)$$

$$9. \left(-\frac{1}{2}\right) - \frac{3}{11} = \left(-\frac{11}{22}\right) - \frac{6}{22} = \left(-\frac{17}{22}\right)$$

$$10. \left(-\frac{1}{11}\right) - \left(-\frac{1}{7}\right) = \left(-\frac{7}{77}\right) - \left(-\frac{11}{77}\right) = \frac{4}{77}$$

## Soustraire des fractions propres négatives (F)

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

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

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

Calculez chaque différence.

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

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

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

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

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

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

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

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

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

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

## Soustraire des fractions propres négatives (F) Réponses

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

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

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

Calculez chaque différence.

$$1. \left(-\frac{9}{12}\right) - \left(-\frac{2}{11}\right) = \left(-\frac{99}{132}\right) - \left(-\frac{24}{132}\right) = \left(-\frac{75}{132}\right) = \left(-\frac{25}{44}\right)$$

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

$$3. \left(-\frac{9}{10}\right) - \left(-\frac{1}{3}\right) = \left(-\frac{27}{30}\right) - \left(-\frac{10}{30}\right) = \left(-\frac{17}{30}\right)$$

$$4. \left(-\frac{3}{10}\right) - \left(-\frac{5}{9}\right) = \left(-\frac{27}{90}\right) - \left(-\frac{50}{90}\right) = \frac{23}{90}$$

$$5. \left(-\frac{1}{7}\right) - \left(-\frac{8}{11}\right) = \left(-\frac{11}{77}\right) - \left(-\frac{56}{77}\right) = \frac{45}{77}$$

$$6. \left(-\frac{5}{10}\right) - \left(-\frac{1}{3}\right) = \left(-\frac{15}{30}\right) - \left(-\frac{10}{30}\right) = \left(-\frac{5}{30}\right) = \left(-\frac{1}{6}\right)$$

$$7. \left(-\frac{4}{10}\right) - \left(-\frac{7}{9}\right) = \left(-\frac{36}{90}\right) - \left(-\frac{70}{90}\right) = \frac{34}{90} = \frac{17}{45}$$

$$8. \left(-\frac{3}{6}\right) - \frac{5}{11} = \left(-\frac{33}{66}\right) - \frac{30}{66} = \left(-\frac{63}{66}\right) = \left(-\frac{21}{22}\right)$$

$$9. \left(-\frac{2}{5}\right) - \left(-\frac{5}{12}\right) = \left(-\frac{24}{60}\right) - \left(-\frac{25}{60}\right) = \frac{1}{60}$$

$$10. \left(-\frac{7}{12}\right) - \frac{1}{7} = \left(-\frac{49}{84}\right) - \frac{12}{84} = \left(-\frac{61}{84}\right)$$

## Soustraire des fractions propres négatives (G)

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

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

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

Calculez chaque différence.

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

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

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

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

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

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

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

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

9.  $\left(-\frac{6}{9}\right) - \left(-\frac{7}{10}\right) =$

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

## Soustraire des fractions propres négatives (G) Réponses

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

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

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

Calculez chaque différence.

$$1. \left(-\frac{3}{9}\right) - \left(-\frac{3}{7}\right) = \left(-\frac{21}{63}\right) - \left(-\frac{27}{63}\right) = \frac{6}{63} = \frac{2}{21}$$

$$2. \left(-\frac{6}{9}\right) - \left(-\frac{1}{2}\right) = \left(-\frac{12}{18}\right) - \left(-\frac{9}{18}\right) = \left(-\frac{3}{18}\right) = \left(-\frac{1}{6}\right)$$

$$3. \left(-\frac{6}{9}\right) - \left(-\frac{6}{10}\right) = \left(-\frac{60}{90}\right) - \left(-\frac{54}{90}\right) = \left(-\frac{6}{90}\right) = \left(-\frac{1}{15}\right)$$

$$4. \left(-\frac{2}{7}\right) - \frac{1}{2} = \left(-\frac{4}{14}\right) - \frac{7}{14} = \left(-\frac{11}{14}\right)$$

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

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

$$7. \left(-\frac{9}{10}\right) - \left(-\frac{2}{7}\right) = \left(-\frac{63}{70}\right) - \left(-\frac{20}{70}\right) = \left(-\frac{43}{70}\right)$$

$$8. \left(-\frac{3}{4}\right) - \frac{1}{5} = \left(-\frac{15}{20}\right) - \frac{4}{20} = \left(-\frac{19}{20}\right)$$

$$9. \left(-\frac{6}{9}\right) - \left(-\frac{7}{10}\right) = \left(-\frac{60}{90}\right) - \left(-\frac{63}{90}\right) = \frac{3}{90} = \frac{1}{30}$$

$$10. \left(-\frac{1}{6}\right) - \frac{1}{11} = \left(-\frac{11}{66}\right) - \frac{6}{66} = \left(-\frac{17}{66}\right)$$

## Soustraire des fractions propres négatives (H)

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

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

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

Calculez chaque différence.

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

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

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

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

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

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

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

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

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

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

## Soustraire des fractions propres négatives (H) Réponses

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

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

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

Calculez chaque différence.

$$1. \left(-\frac{9}{11}\right) - \left(-\frac{6}{12}\right) = \left(-\frac{108}{132}\right) - \left(-\frac{66}{132}\right) = \left(-\frac{42}{132}\right) = \left(-\frac{7}{22}\right)$$

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

$$3. \left(-\frac{2}{5}\right) - \left(-\frac{5}{6}\right) = \left(-\frac{12}{30}\right) - \left(-\frac{25}{30}\right) = \frac{13}{30}$$

$$4. \left(-\frac{3}{12}\right) - \left(-\frac{5}{11}\right) = \left(-\frac{33}{132}\right) - \left(-\frac{60}{132}\right) = \frac{27}{132} = \frac{9}{44}$$

$$5. \left(-\frac{2}{6}\right) - \frac{2}{7} = \left(-\frac{14}{42}\right) - \frac{12}{42} = \left(-\frac{26}{42}\right) = \left(-\frac{13}{21}\right)$$

$$6. \left(-\frac{1}{5}\right) - \left(-\frac{4}{7}\right) = \left(-\frac{7}{35}\right) - \left(-\frac{20}{35}\right) = \frac{13}{35}$$

$$7. \left(-\frac{2}{8}\right) - \frac{2}{3} = \left(-\frac{6}{24}\right) - \frac{16}{24} = \left(-\frac{22}{24}\right) = \left(-\frac{11}{12}\right)$$

$$8. \left(-\frac{3}{4}\right) - \left(-\frac{5}{9}\right) = \left(-\frac{27}{36}\right) - \left(-\frac{20}{36}\right) = \left(-\frac{7}{36}\right)$$

$$9. \left(-\frac{5}{9}\right) - \frac{1}{4} = \left(-\frac{20}{36}\right) - \frac{9}{36} = \left(-\frac{29}{36}\right)$$

$$10. \left(-\frac{1}{6}\right) - \left(-\frac{10}{11}\right) = \left(-\frac{11}{66}\right) - \left(-\frac{60}{66}\right) = \frac{49}{66}$$



## Soustraire des fractions propres négatives (I)

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

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

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

Calculez chaque différence.

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

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

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

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

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

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

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

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

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

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

## Soustraire des fractions propres négatives (I) Réponses

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

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

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

Calculez chaque différence.

$$1. \left(-\frac{2}{6}\right) - \left(-\frac{2}{11}\right) = \left(-\frac{22}{66}\right) - \left(-\frac{12}{66}\right) = \left(-\frac{10}{66}\right) = \left(-\frac{5}{33}\right)$$

$$2. \left(-\frac{11}{12}\right) - \left(-\frac{4}{7}\right) = \left(-\frac{77}{84}\right) - \left(-\frac{48}{84}\right) = \left(-\frac{29}{84}\right)$$

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

$$4. \left(-\frac{1}{2}\right) - \left(-\frac{1}{11}\right) = \left(-\frac{11}{22}\right) - \left(-\frac{2}{22}\right) = \left(-\frac{9}{22}\right)$$

$$5. \left(-\frac{2}{3}\right) - \left(-\frac{6}{11}\right) = \left(-\frac{22}{33}\right) - \left(-\frac{18}{33}\right) = \left(-\frac{4}{33}\right)$$

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

$$7. \left(-\frac{8}{9}\right) - \left(-\frac{1}{5}\right) = \left(-\frac{40}{45}\right) - \left(-\frac{9}{45}\right) = \left(-\frac{31}{45}\right)$$

$$8. \left(-\frac{1}{4}\right) - \left(-\frac{1}{7}\right) = \left(-\frac{7}{28}\right) - \left(-\frac{4}{28}\right) = \left(-\frac{3}{28}\right)$$

$$9. \left(-\frac{4}{7}\right) - \left(-\frac{5}{9}\right) = \left(-\frac{36}{63}\right) - \left(-\frac{35}{63}\right) = \left(-\frac{1}{63}\right)$$

$$10. \left(-\frac{1}{10}\right) - \frac{7}{11} = \left(-\frac{11}{110}\right) - \frac{70}{110} = \left(-\frac{81}{110}\right)$$

## Soustraire des fractions propres négatives (J)

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

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

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

Calculez chaque différence.

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

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

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

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

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

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

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

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

9.  $\left(-\frac{4}{8}\right) - \left(-\frac{4}{11}\right) =$

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

## Soustraire des fractions propres négatives (J) Réponses

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

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

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

Calculez chaque différence.

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

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

$$3. \left(-\frac{5}{6}\right) - \left(-\frac{4}{7}\right) = \left(-\frac{35}{42}\right) - \left(-\frac{24}{42}\right) = \left(-\frac{11}{42}\right)$$

$$4. \left(-\frac{2}{6}\right) - \frac{1}{11} = \left(-\frac{22}{66}\right) - \frac{6}{66} = \left(-\frac{28}{66}\right) = \left(-\frac{14}{33}\right)$$

$$5. \left(-\frac{3}{12}\right) - \frac{3}{5} = \left(-\frac{15}{60}\right) - \frac{36}{60} = \left(-\frac{51}{60}\right) = \left(-\frac{17}{20}\right)$$

$$6. \left(-\frac{4}{5}\right) - \left(-\frac{1}{7}\right) = \left(-\frac{28}{35}\right) - \left(-\frac{5}{35}\right) = \left(-\frac{23}{35}\right)$$

$$7. \left(-\frac{1}{2}\right) - \left(-\frac{4}{5}\right) = \left(-\frac{5}{10}\right) - \left(-\frac{8}{10}\right) = \frac{3}{10}$$

$$8. \left(-\frac{6}{7}\right) - \left(-\frac{3}{8}\right) = \left(-\frac{48}{56}\right) - \left(-\frac{21}{56}\right) = \left(-\frac{27}{56}\right)$$

$$9. \left(-\frac{4}{8}\right) - \left(-\frac{4}{11}\right) = \left(-\frac{44}{88}\right) - \left(-\frac{32}{88}\right) = \left(-\frac{12}{88}\right) = \left(-\frac{3}{22}\right)$$

$$10. \left(-\frac{3}{4}\right) - \left(-\frac{3}{7}\right) = \left(-\frac{21}{28}\right) - \left(-\frac{12}{28}\right) = \left(-\frac{9}{28}\right)$$