

## Soustraire des fractions mixtes négatives (E)

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

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

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

Calculez chaque différence.

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

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

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

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

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

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

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

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

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

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

## Soustraire des fractions mixtes négatives (E) Réponses

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

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

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

Calculez chaque différence.

$$1. \quad \left(-3\frac{2}{3}\right) - 4\frac{1}{4} = \left(-\frac{11}{3}\right) - \frac{17}{4} = \left(-\frac{44}{12}\right) - \frac{51}{12} = \left(-\frac{95}{12}\right) = \left(-7\frac{11}{12}\right)$$

$$2. \quad \left(-1\frac{5}{6}\right) - 5\frac{4}{5} = \left(-\frac{11}{6}\right) - \frac{29}{5} = \left(-\frac{55}{30}\right) - \frac{174}{30} = \left(-\frac{229}{30}\right) = \left(-7\frac{19}{30}\right)$$

$$3. \quad \left(-3\frac{1}{5}\right) - \left(-5\frac{3}{4}\right) = \left(-\frac{16}{5}\right) - \left(-\frac{23}{4}\right) = \left(-\frac{64}{20}\right) - \left(-\frac{115}{20}\right) = \frac{51}{20} = 2\frac{11}{20}$$

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

$$5. \quad \left(-5\frac{1}{3}\right) - \left(-3\frac{3}{4}\right) = \left(-\frac{16}{3}\right) - \left(-\frac{15}{4}\right) = \left(-\frac{64}{12}\right) - \left(-\frac{45}{12}\right) = \left(-\frac{19}{12}\right) = \left(-1\frac{7}{12}\right)$$

$$6. \quad \left(-1\frac{2}{3}\right) - \left(-3\frac{3}{5}\right) = \left(-\frac{5}{3}\right) - \left(-\frac{18}{5}\right) = \left(-\frac{25}{15}\right) - \left(-\frac{54}{15}\right) = \frac{29}{15} = 1\frac{14}{15}$$

$$7. \quad \left(-1\frac{1}{2}\right) - \left(-3\frac{1}{3}\right) = \left(-\frac{3}{2}\right) - \left(-\frac{10}{3}\right) = \left(-\frac{9}{6}\right) - \left(-\frac{20}{6}\right) = \frac{11}{6} = 1\frac{5}{6}$$

$$8. \quad \left(-4\frac{4}{5}\right) - \frac{1}{2} = \left(-\frac{24}{5}\right) - \frac{1}{2} = \left(-\frac{48}{10}\right) - \frac{5}{10} = \left(-\frac{53}{10}\right) = \left(-5\frac{3}{10}\right)$$

$$9. \quad \left(-4\frac{1}{5}\right) - \left(-1\frac{1}{4}\right) = \left(-\frac{21}{5}\right) - \left(-\frac{5}{4}\right) = \left(-\frac{84}{20}\right) - \left(-\frac{25}{20}\right) = \left(-\frac{59}{20}\right) = \left(-2\frac{19}{20}\right)$$

$$10. \quad \left(-1\frac{3}{5}\right) - 4\frac{1}{6} = \left(-\frac{8}{5}\right) - \frac{25}{6} = \left(-\frac{48}{30}\right) - \frac{125}{30} = \left(-\frac{173}{30}\right) = \left(-5\frac{23}{30}\right)$$