

## Soustraire des fractions mixtes négatives (F)

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

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

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

Calculez chaque différence.

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

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

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

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

5.  $\left(-2\frac{7}{10}\right) - \left(-2\frac{8}{11}\right) =$

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

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

8.  $\left(-3\frac{1}{12}\right) - 1\frac{6}{7} =$

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

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

## Soustraire des fractions mixtes négatives (F) Réponses

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

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

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

Calculez chaque différence.

$$1. \quad \left(-4\frac{1}{2}\right) - \frac{2}{5} = \left(-\frac{9}{2}\right) - \frac{2}{5} = \left(-\frac{45}{10}\right) - \frac{4}{10} = \left(-\frac{49}{10}\right) = \left(-4\frac{9}{10}\right)$$

$$2. \quad \left(-5\frac{1}{5}\right) - 1\frac{1}{4} = \left(-\frac{26}{5}\right) - \frac{5}{4} = \left(-\frac{104}{20}\right) - \frac{25}{20} = \left(-\frac{129}{20}\right) = \left(-6\frac{9}{20}\right)$$

$$3. \quad \left(-1\frac{5}{9}\right) - \left(-3\frac{3}{4}\right) = \left(-\frac{14}{9}\right) - \left(-\frac{15}{4}\right) = \left(-\frac{56}{36}\right) - \left(-\frac{135}{36}\right) = \frac{79}{36} = 2\frac{7}{36}$$

$$4. \quad \left(-4\frac{1}{3}\right) - \frac{4}{7} = \left(-\frac{13}{3}\right) - \frac{4}{7} = \left(-\frac{91}{21}\right) - \frac{12}{21} = \left(-\frac{103}{21}\right) = \left(-4\frac{19}{21}\right)$$

$$5. \quad \left(-2\frac{7}{10}\right) - \left(-2\frac{8}{11}\right) = \left(-\frac{27}{10}\right) - \left(-\frac{30}{11}\right) = \left(-\frac{297}{110}\right) - \left(-\frac{300}{110}\right) = \frac{3}{110}$$

$$6. \quad \left(-5\frac{5}{7}\right) - \left(-2\frac{1}{2}\right) = \left(-\frac{40}{7}\right) - \left(-\frac{5}{2}\right) = \left(-\frac{80}{14}\right) - \left(-\frac{35}{14}\right) = \left(-\frac{45}{14}\right) = \left(-3\frac{3}{14}\right)$$

$$7. \quad \left(-2\frac{2}{5}\right) - \left(-4\frac{1}{2}\right) = \left(-\frac{12}{5}\right) - \left(-\frac{9}{2}\right) = \left(-\frac{24}{10}\right) - \left(-\frac{45}{10}\right) = \frac{21}{10} = 2\frac{1}{10}$$

$$8. \quad \left(-3\frac{1}{12}\right) - 1\frac{6}{7} = \left(-\frac{37}{12}\right) - \frac{13}{7} = \left(-\frac{259}{84}\right) - \frac{156}{84} = \left(-\frac{415}{84}\right) = \left(-4\frac{79}{84}\right)$$

$$9. \quad \left(-4\frac{2}{3}\right) - 4\frac{2}{7} = \left(-\frac{14}{3}\right) - \frac{30}{7} = \left(-\frac{98}{21}\right) - \frac{90}{21} = \left(-\frac{188}{21}\right) = \left(-8\frac{20}{21}\right)$$

$$10. \quad \left(-5\frac{3}{11}\right) - \left(-5\frac{1}{5}\right) = \left(-\frac{58}{11}\right) - \left(-\frac{26}{5}\right) = \left(-\frac{290}{55}\right) - \left(-\frac{286}{55}\right) = \left(-\frac{4}{55}\right)$$