

## Soustraire des fractions mixtes négatives (A)

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

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

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

Calculez chaque différence.

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

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

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

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

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

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

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

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

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

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

## Soustraire des fractions mixtes négatives (A) Réponses

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

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

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

Calculez chaque différence.

$$1. \quad \left(-2\frac{2}{7}\right) - 2\frac{1}{4} = \left(-\frac{16}{7}\right) - \frac{9}{4} = \left(-\frac{64}{28}\right) - \frac{63}{28} = \left(-\frac{127}{28}\right) = \left(-4\frac{15}{28}\right)$$

$$2. \quad \left(-4\frac{3}{4}\right) - \left(-5\frac{4}{11}\right) = \left(-\frac{19}{4}\right) - \left(-\frac{59}{11}\right) = \left(-\frac{209}{44}\right) - \left(-\frac{236}{44}\right) = \frac{27}{44}$$

$$3. \quad \left(-1\frac{1}{6}\right) - 1\frac{1}{11} = \left(-\frac{7}{6}\right) - \frac{12}{11} = \left(-\frac{77}{66}\right) - \frac{72}{66} = \left(-\frac{149}{66}\right) = \left(-2\frac{17}{66}\right)$$

$$4. \quad \left(-2\frac{1}{3}\right) - \frac{1}{2} = \left(-\frac{7}{3}\right) - \frac{1}{2} = \left(-\frac{14}{6}\right) - \frac{3}{6} = \left(-\frac{17}{6}\right) = \left(-2\frac{5}{6}\right)$$

$$5. \quad \left(-2\frac{2}{3}\right) - \left(-2\frac{4}{7}\right) = \left(-\frac{8}{3}\right) - \left(-\frac{18}{7}\right) = \left(-\frac{56}{21}\right) - \left(-\frac{54}{21}\right) = \left(-\frac{2}{21}\right)$$

$$6. \quad \left(-1\frac{2}{3}\right) - \left(-5\frac{1}{5}\right) = \left(-\frac{5}{3}\right) - \left(-\frac{26}{5}\right) = \left(-\frac{25}{15}\right) - \left(-\frac{78}{15}\right) = \frac{53}{15} = 3\frac{8}{15}$$

$$7. \quad \left(-3\frac{1}{3}\right) - \left(-1\frac{1}{8}\right) = \left(-\frac{10}{3}\right) - \left(-\frac{9}{8}\right) = \left(-\frac{80}{24}\right) - \left(-\frac{27}{24}\right) = \left(-\frac{53}{24}\right) = \left(-2\frac{5}{24}\right)$$

$$8. \quad \left(-1\frac{3}{5}\right) - 3\frac{1}{9} = \left(-\frac{8}{5}\right) - \frac{28}{9} = \left(-\frac{72}{45}\right) - \frac{140}{45} = \left(-\frac{212}{45}\right) = \left(-4\frac{32}{45}\right)$$

$$9. \quad \left(-4\frac{4}{5}\right) - \left(-5\frac{2}{11}\right) = \left(-\frac{24}{5}\right) - \left(-\frac{57}{11}\right) = \left(-\frac{264}{55}\right) - \left(-\frac{285}{55}\right) = \frac{21}{55}$$

$$10. \quad \left(-1\frac{3}{7}\right) - \left(-3\frac{1}{9}\right) = \left(-\frac{10}{7}\right) - \left(-\frac{28}{9}\right) = \left(-\frac{90}{63}\right) - \left(-\frac{196}{63}\right) = \frac{106}{63} = 1\frac{43}{63}$$