

## Soustraire des fractions mixtes négatives (I)

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

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

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

Calculez chaque différence.

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

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

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

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

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

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

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

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

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

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

## Soustraire des fractions mixtes négatives (I) Réponses

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

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

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

Calculez chaque différence.

$$1. \quad \left(-4\frac{4}{5}\right) - \left(-3\frac{2}{3}\right) = \left(-\frac{24}{5}\right) - \left(-\frac{11}{3}\right) = \left(-\frac{72}{15}\right) - \left(-\frac{55}{15}\right) = \left(-\frac{17}{15}\right) = \left(-1\frac{2}{15}\right)$$

$$2. \quad \left(-1\frac{1}{6}\right) - \frac{4}{5} = \left(-\frac{7}{6}\right) - \frac{4}{5} = \left(-\frac{35}{30}\right) - \frac{24}{30} = \left(-\frac{59}{30}\right) = \left(-1\frac{29}{30}\right)$$

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

$$4. \quad \left(-5\frac{1}{2}\right) - \frac{1}{3} = \left(-\frac{11}{2}\right) - \frac{1}{3} = \left(-\frac{33}{6}\right) - \frac{2}{6} = \left(-\frac{35}{6}\right) = \left(-5\frac{5}{6}\right)$$

$$5. \quad \left(-5\frac{2}{3}\right) - \frac{1}{2} = \left(-\frac{17}{3}\right) - \frac{1}{2} = \left(-\frac{34}{6}\right) - \frac{3}{6} = \left(-\frac{37}{6}\right) = \left(-6\frac{1}{6}\right)$$

$$6. \quad \left(-2\frac{4}{5}\right) - \left(-3\frac{2}{3}\right) = \left(-\frac{14}{5}\right) - \left(-\frac{11}{3}\right) = \left(-\frac{42}{15}\right) - \left(-\frac{55}{15}\right) = \frac{13}{15}$$

$$7. \quad \left(-4\frac{1}{2}\right) - 3\frac{1}{3} = \left(-\frac{9}{2}\right) - \frac{10}{3} = \left(-\frac{27}{6}\right) - \frac{20}{6} = \left(-\frac{47}{6}\right) = \left(-7\frac{5}{6}\right)$$

$$8. \quad \left(-3\frac{2}{5}\right) - \left(-1\frac{1}{2}\right) = \left(-\frac{17}{5}\right) - \left(-\frac{3}{2}\right) = \left(-\frac{34}{10}\right) - \left(-\frac{15}{10}\right) = \left(-\frac{19}{10}\right) = \left(-1\frac{9}{10}\right)$$

$$9. \quad \left(-5\frac{2}{3}\right) - 3\frac{1}{4} = \left(-\frac{17}{3}\right) - \frac{13}{4} = \left(-\frac{68}{12}\right) - \frac{39}{12} = \left(-\frac{107}{12}\right) = \left(-8\frac{11}{12}\right)$$

$$10. \quad \left(-3\frac{3}{4}\right) - 2\frac{1}{3} = \left(-\frac{15}{4}\right) - \frac{7}{3} = \left(-\frac{45}{12}\right) - \frac{28}{12} = \left(-\frac{73}{12}\right) = \left(-6\frac{1}{12}\right)$$