

## Soustraire des fractions mixtes négatives (C)

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

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

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

Calculez chaque différence.

1.  $\left(-3\frac{6}{11}\right) - \left(-5\frac{4}{9}\right) =$

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

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

4.  $\left(-4\frac{5}{11}\right) - \frac{1}{2} =$

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

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

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

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

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

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

## Soustraire des fractions mixtes négatives (C) Réponses

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

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

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

Calculez chaque différence.

$$1. \left(-3\frac{6}{11}\right) - \left(-5\frac{4}{9}\right) = \left(-\frac{39}{11}\right) - \left(-\frac{49}{9}\right) = \left(-\frac{351}{99}\right) - \left(-\frac{539}{99}\right) = \frac{188}{99} = 1\frac{89}{99}$$

$$2. \left(-1\frac{5}{6}\right) - \left(-5\frac{5}{7}\right) = \left(-\frac{11}{6}\right) - \left(-\frac{40}{7}\right) = \left(-\frac{77}{42}\right) - \left(-\frac{240}{42}\right) = \frac{163}{42} = 3\frac{37}{42}$$

$$3. \left(-1\frac{5}{6}\right) - \left(-5\frac{3}{5}\right) = \left(-\frac{11}{6}\right) - \left(-\frac{28}{5}\right) = \left(-\frac{55}{30}\right) - \left(-\frac{168}{30}\right) = \frac{113}{30} = 3\frac{23}{30}$$

$$4. \left(-4\frac{5}{11}\right) - \frac{1}{2} = \left(-\frac{49}{11}\right) - \frac{1}{2} = \left(-\frac{98}{22}\right) - \frac{11}{22} = \left(-\frac{109}{22}\right) = \left(-4\frac{21}{22}\right)$$

$$5. \left(-5\frac{7}{8}\right) - \left(-5\frac{2}{5}\right) = \left(-\frac{47}{8}\right) - \left(-\frac{27}{5}\right) = \left(-\frac{235}{40}\right) - \left(-\frac{216}{40}\right) = \left(-\frac{19}{40}\right)$$

$$6. \left(-3\frac{3}{11}\right) - \frac{9}{10} = \left(-\frac{36}{11}\right) - \frac{9}{10} = \left(-\frac{360}{110}\right) - \frac{99}{110} = \left(-\frac{459}{110}\right) = \left(-4\frac{19}{110}\right)$$

$$7. \left(-1\frac{1}{2}\right) - \frac{6}{7} = \left(-\frac{3}{2}\right) - \frac{6}{7} = \left(-\frac{21}{14}\right) - \frac{12}{14} = \left(-\frac{33}{14}\right) = \left(-2\frac{5}{14}\right)$$

$$8. \left(-1\frac{2}{3}\right) - \left(-4\frac{2}{7}\right) = \left(-\frac{5}{3}\right) - \left(-\frac{30}{7}\right) = \left(-\frac{35}{21}\right) - \left(-\frac{90}{21}\right) = \frac{55}{21} = 2\frac{13}{21}$$

$$9. \left(-5\frac{1}{12}\right) - 2\frac{2}{7} = \left(-\frac{61}{12}\right) - \frac{16}{7} = \left(-\frac{427}{84}\right) - \frac{192}{84} = \left(-\frac{619}{84}\right) = \left(-7\frac{31}{84}\right)$$

$$10. \left(-5\frac{5}{8}\right) - \frac{8}{9} = \left(-\frac{45}{8}\right) - \frac{8}{9} = \left(-\frac{405}{72}\right) - \frac{64}{72} = \left(-\frac{469}{72}\right) = \left(-6\frac{37}{72}\right)$$