

Soustraire des fractions mixtes négatives (G)

Nom: _____

Date: _____

Note: _____

Calculez chaque différence.

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

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

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

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

$$5. \quad \left(-2\frac{1}{10}\right) - \frac{1}{3} = \text{---} - \text{---} = \text{---} - \text{---} = \text{---} = \text{---}$$

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

$$7. \quad \left(-2\frac{3}{5}\right) - \frac{1}{2} = \text{---} - \text{---} = \text{---} - \text{---} = \text{---} = \text{---}$$

$$8. \quad \left(-3\frac{7}{9}\right) - \left(-4\frac{1}{11}\right) = \text{---} - \text{---} = \text{---} - \text{---} = \text{---}$$

$$9. \quad \left(-3\frac{6}{7}\right) - \frac{1}{5} = \text{---} - \text{---} = \text{---} - \text{---} = \text{---} = \text{---}$$

$$10. \quad \left(-1\frac{2}{3}\right) - \left(-4\frac{4}{7}\right) = \text{---} - \text{---} = \text{---} - \text{---} = \text{---} = \text{---}$$

Soustraire des fractions mixtes négatives (G) Réponses

Nom: _____

Date: _____

Note: _____

Calculez chaque différence.

$$1. \quad \left(-3\frac{1}{8}\right) - 1\frac{1}{9} = \left(-\frac{25}{8}\right) - \frac{10}{9} = \left(-\frac{225}{72}\right) - \frac{80}{72} = \left(-\frac{305}{72}\right) = \left(-4\frac{17}{72}\right)$$

$$2. \quad \left(-5\frac{2}{3}\right) - \left(-4\frac{4}{5}\right) = \left(-\frac{17}{3}\right) - \left(-\frac{24}{5}\right) = \left(-\frac{85}{15}\right) - \left(-\frac{72}{15}\right) = \left(-\frac{13}{15}\right)$$

$$3. \quad \left(-1\frac{3}{4}\right) - 2\frac{5}{9} = \left(-\frac{7}{4}\right) - \frac{23}{9} = \left(-\frac{63}{36}\right) - \frac{92}{36} = \left(-\frac{155}{36}\right) = \left(-4\frac{11}{36}\right)$$

$$4. \quad \left(-1\frac{1}{2}\right) - \left(-2\frac{2}{3}\right) = \left(-\frac{3}{2}\right) - \left(-\frac{8}{3}\right) = \left(-\frac{9}{6}\right) - \left(-\frac{16}{6}\right) = \frac{7}{6} = 1\frac{1}{6}$$

$$5. \quad \left(-2\frac{1}{10}\right) - \frac{1}{3} = \left(-\frac{21}{10}\right) - \frac{1}{3} = \left(-\frac{63}{30}\right) - \frac{10}{30} = \left(-\frac{73}{30}\right) = \left(-2\frac{13}{30}\right)$$

$$6. \quad \left(-4\frac{2}{3}\right) - 2\frac{4}{5} = \left(-\frac{14}{3}\right) - \frac{14}{5} = \left(-\frac{70}{15}\right) - \frac{42}{15} = \left(-\frac{112}{15}\right) = \left(-7\frac{7}{15}\right)$$

$$7. \quad \left(-2\frac{3}{5}\right) - \frac{1}{2} = \left(-\frac{13}{5}\right) - \frac{1}{2} = \left(-\frac{26}{10}\right) - \frac{5}{10} = \left(-\frac{31}{10}\right) = \left(-3\frac{1}{10}\right)$$

$$8. \quad \left(-3\frac{7}{9}\right) - \left(-4\frac{1}{11}\right) = \left(-\frac{34}{9}\right) - \left(-\frac{45}{11}\right) = \left(-\frac{374}{99}\right) - \left(-\frac{405}{99}\right) = \frac{31}{99}$$

$$9. \quad \left(-3\frac{6}{7}\right) - \frac{1}{5} = \left(-\frac{27}{7}\right) - \frac{1}{5} = \left(-\frac{135}{35}\right) - \frac{7}{35} = \left(-\frac{142}{35}\right) = \left(-4\frac{2}{35}\right)$$

$$10. \quad \left(-1\frac{2}{3}\right) - \left(-4\frac{4}{7}\right) = \left(-\frac{5}{3}\right) - \left(-\frac{32}{7}\right) = \left(-\frac{35}{21}\right) - \left(-\frac{96}{21}\right) = \frac{61}{21} = 2\frac{19}{21}$$