

Soustraire des fractions mixtes négatives (H)

Nom: _____

Date: _____

Note: _____

Calculez chaque différence.

1. $\left(-2\frac{1}{2}\right) - 2\frac{7}{11} = \text{---} - \text{---} = \text{---} - \text{---} = \text{---} = \text{---}$

2. $\left(-4\frac{6}{11}\right) - \frac{4}{7} = \text{---} - \text{---} = \text{---} - \text{---} = \text{---} = \text{---}$

3. $\left(-3\frac{7}{8}\right) - 4\frac{6}{7} = \text{---} - \text{---} = \text{---} - \text{---} = \text{---} = \text{---}$

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

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

6. $\left(-5\frac{11}{12}\right) - \frac{5}{11} = \text{---} - \text{---} = \text{---} - \text{---} = \text{---} = \text{---}$

7. $\left(-4\frac{2}{7}\right) - \left(-2\frac{3}{11}\right) = \text{---} - \text{---} = \text{---} - \text{---} = \text{---} = \text{---}$

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

9. $\left(-4\frac{3}{11}\right) - \left(-3\frac{9}{10}\right) = \text{---} - \text{---} = \text{---} - \text{---} = \text{---}$

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

Soustraire des fractions mixtes négatives (H) Réponses

Nom: _____

Date: _____

Note: _____

Calculez chaque différence.

$$1. \quad \left(-2\frac{1}{2}\right) - 2\frac{7}{11} = \left(-\frac{5}{2}\right) - \frac{29}{11} = \left(-\frac{55}{22}\right) - \frac{58}{22} = \left(-\frac{113}{22}\right) = \left(-5\frac{3}{22}\right)$$

$$2. \quad \left(-4\frac{6}{11}\right) - \frac{4}{7} = \left(-\frac{50}{11}\right) - \frac{4}{7} = \left(-\frac{350}{77}\right) - \frac{44}{77} = \left(-\frac{394}{77}\right) = \left(-5\frac{9}{77}\right)$$

$$3. \quad \left(-3\frac{7}{8}\right) - 4\frac{6}{7} = \left(-\frac{31}{8}\right) - \frac{34}{7} = \left(-\frac{217}{56}\right) - \frac{272}{56} = \left(-\frac{489}{56}\right) = \left(-8\frac{41}{56}\right)$$

$$4. \quad \left(-1\frac{3}{4}\right) - \left(-3\frac{1}{9}\right) = \left(-\frac{7}{4}\right) - \left(-\frac{28}{9}\right) = \left(-\frac{63}{36}\right) - \left(-\frac{112}{36}\right) = \frac{49}{36} = 1\frac{13}{36}$$

$$5. \quad \left(-1\frac{1}{2}\right) - 1\frac{1}{7} = \left(-\frac{3}{2}\right) - \frac{8}{7} = \left(-\frac{21}{14}\right) - \frac{16}{14} = \left(-\frac{37}{14}\right) = \left(-2\frac{9}{14}\right)$$

$$6. \quad \left(-5\frac{11}{12}\right) - \frac{5}{11} = \left(-\frac{71}{12}\right) - \frac{5}{11} = \left(-\frac{781}{132}\right) - \frac{60}{132} = \left(-\frac{841}{132}\right) = \left(-6\frac{49}{132}\right)$$

$$7. \quad \left(-4\frac{2}{7}\right) - \left(-2\frac{3}{11}\right) = \left(-\frac{30}{7}\right) - \left(-\frac{25}{11}\right) = \left(-\frac{330}{77}\right) - \left(-\frac{175}{77}\right) = \left(-\frac{155}{77}\right) = \left(-2\frac{1}{77}\right)$$

$$8. \quad \left(-1\frac{1}{8}\right) - \frac{2}{3} = \left(-\frac{9}{8}\right) - \frac{2}{3} = \left(-\frac{27}{24}\right) - \frac{16}{24} = \left(-\frac{43}{24}\right) = \left(-1\frac{19}{24}\right)$$

$$9. \quad \left(-4\frac{3}{11}\right) - \left(-3\frac{9}{10}\right) = \left(-\frac{47}{11}\right) - \left(-\frac{39}{10}\right) = \left(-\frac{470}{110}\right) - \left(-\frac{429}{110}\right) = \left(-\frac{41}{110}\right)$$

$$10. \quad \left(-5\frac{1}{2}\right) - \frac{2}{7} = \left(-\frac{11}{2}\right) - \frac{2}{7} = \left(-\frac{77}{14}\right) - \frac{4}{14} = \left(-\frac{81}{14}\right) = \left(-5\frac{11}{14}\right)$$