

Soustraire des fractions mixtes négatives (C)

Nom: _____

Date: _____

Note: _____

Calculez chaque différence.

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

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

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

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

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

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

$$7. \quad \left(-4\frac{1}{12}\right) - \left(-2\frac{9}{11}\right) = \text{---} - \text{---} = \text{---} - \text{---} = \text{---} = \text{---}$$

$$8. \quad \left(-2\frac{1}{5}\right) - \frac{8}{9} = \text{---} - \text{---} = \text{---} - \text{---} = \text{---} = \text{---}$$

$$9. \quad \left(-2\frac{1}{4}\right) - \left(-1\frac{9}{11}\right) = \text{---} - \text{---} = \text{---} - \text{---} = \text{---}$$

$$10. \quad \left(-1\frac{3}{5}\right) - 3\frac{5}{8} = \text{---} - \text{---} = \text{---} - \text{---} = \text{---} = \text{---}$$

Soustraire des fractions mixtes négatives (C) Réponses

Nom: _____

Date: _____

Note: _____

Calculez chaque différence.

$$1. \quad \left(-3\frac{2}{3}\right) - \left(-1\frac{3}{5}\right) = \left(-\frac{11}{3}\right) - \left(-\frac{8}{5}\right) = \left(-\frac{55}{15}\right) - \left(-\frac{24}{15}\right) = \left(-\frac{31}{15}\right) = \left(-2\frac{1}{15}\right)$$

$$2. \quad \left(-1\frac{1}{4}\right) - \left(-3\frac{2}{3}\right) = \left(-\frac{5}{4}\right) - \left(-\frac{11}{3}\right) = \left(-\frac{15}{12}\right) - \left(-\frac{44}{12}\right) = \frac{29}{12} = 2\frac{5}{12}$$

$$3. \quad \left(-4\frac{2}{11}\right) - \frac{2}{3} = \left(-\frac{46}{11}\right) - \frac{2}{3} = \left(-\frac{138}{33}\right) - \frac{22}{33} = \left(-\frac{160}{33}\right) = \left(-4\frac{28}{33}\right)$$

$$4. \quad \left(-3\frac{2}{11}\right) - \left(-2\frac{4}{7}\right) = \left(-\frac{35}{11}\right) - \left(-\frac{18}{7}\right) = \left(-\frac{245}{77}\right) - \left(-\frac{198}{77}\right) = \left(-\frac{47}{77}\right)$$

$$5. \quad \left(-4\frac{1}{4}\right) - \left(-1\frac{3}{5}\right) = \left(-\frac{17}{4}\right) - \left(-\frac{8}{5}\right) = \left(-\frac{85}{20}\right) - \left(-\frac{32}{20}\right) = \left(-\frac{53}{20}\right) = \left(-2\frac{13}{20}\right)$$

$$6. \quad \left(-3\frac{2}{3}\right) - \frac{2}{5} = \left(-\frac{11}{3}\right) - \frac{2}{5} = \left(-\frac{55}{15}\right) - \frac{6}{15} = \left(-\frac{61}{15}\right) = \left(-4\frac{1}{15}\right)$$

$$7. \quad \left(-4\frac{1}{12}\right) - \left(-2\frac{9}{11}\right) = \left(-\frac{49}{12}\right) - \left(-\frac{31}{11}\right) = \left(-\frac{539}{132}\right) - \left(-\frac{372}{132}\right) = \left(-\frac{167}{132}\right) = \left(-1\frac{35}{132}\right)$$

$$8. \quad \left(-2\frac{1}{5}\right) - \frac{8}{9} = \left(-\frac{11}{5}\right) - \frac{8}{9} = \left(-\frac{99}{45}\right) - \frac{40}{45} = \left(-\frac{139}{45}\right) = \left(-3\frac{4}{45}\right)$$

$$9. \quad \left(-2\frac{1}{4}\right) - \left(-1\frac{9}{11}\right) = \left(-\frac{9}{4}\right) - \left(-\frac{20}{11}\right) = \left(-\frac{99}{44}\right) - \left(-\frac{80}{44}\right) = \left(-\frac{19}{44}\right)$$

$$10. \quad \left(-1\frac{3}{5}\right) - 3\frac{5}{8} = \left(-\frac{8}{5}\right) - \frac{29}{8} = \left(-\frac{64}{40}\right) - \frac{145}{40} = \left(-\frac{209}{40}\right) = \left(-5\frac{9}{40}\right)$$