

## Soustraire des fractions mixtes négatives (F)

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

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

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

Calculez chaque différence.

$$1. \quad \left(-2\frac{7}{10}\right) - 2\frac{2}{9} = \text{---} - \text{---} = \text{---} - \text{---} = \text{---} = \text{---}$$

$$2. \quad \left(-3\frac{3}{11}\right) - 4\frac{1}{2} = \text{---} - \text{---} = \text{---} - \text{---} = \text{---} = \text{---}$$

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

$$4. \quad \left(-5\frac{5}{6}\right) - \left(-5\frac{7}{11}\right) = \text{---} - \text{---} = \text{---} - \text{---} = \text{---}$$

$$5. \quad \left(-2\frac{9}{11}\right) - \left(-4\frac{1}{5}\right) = \text{---} - \text{---} = \text{---} - \text{---} = \text{---} = \text{---}$$

$$6. \quad \left(-5\frac{11}{12}\right) - 1\frac{2}{11} = \text{---} - \text{---} = \text{---} - \text{---} = \text{---} = \text{---}$$

$$7. \quad \left(-3\frac{1}{8}\right) - 5\frac{2}{5} = \text{---} - \text{---} = \text{---} - \text{---} = \text{---} = \text{---}$$

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

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

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

## Soustraire des fractions mixtes négatives (F) Réponses

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

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

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

Calculez chaque différence.

$$1. \quad \left(-2\frac{7}{10}\right) - 2\frac{2}{9} = \left(-\frac{27}{10}\right) - \frac{20}{9} = \left(-\frac{243}{90}\right) - \frac{200}{90} = \left(-\frac{443}{90}\right) = \left(-4\frac{83}{90}\right)$$

$$2. \quad \left(-3\frac{3}{11}\right) - 4\frac{1}{2} = \left(-\frac{36}{11}\right) - \frac{9}{2} = \left(-\frac{72}{22}\right) - \frac{99}{22} = \left(-\frac{171}{22}\right) = \left(-7\frac{17}{22}\right)$$

$$3. \quad \left(-3\frac{5}{9}\right) - 3\frac{1}{2} = \left(-\frac{32}{9}\right) - \frac{7}{2} = \left(-\frac{64}{18}\right) - \frac{63}{18} = \left(-\frac{127}{18}\right) = \left(-7\frac{1}{18}\right)$$

$$4. \quad \left(-5\frac{5}{6}\right) - \left(-5\frac{7}{11}\right) = \left(-\frac{35}{6}\right) - \left(-\frac{62}{11}\right) = \left(-\frac{385}{66}\right) - \left(-\frac{372}{66}\right) = \left(-\frac{13}{66}\right)$$

$$5. \quad \left(-2\frac{9}{11}\right) - \left(-4\frac{1}{5}\right) = \left(-\frac{31}{11}\right) - \left(-\frac{21}{5}\right) = \left(-\frac{155}{55}\right) - \left(-\frac{231}{55}\right) = \frac{76}{55} = 1\frac{21}{55}$$

$$6. \quad \left(-5\frac{11}{12}\right) - 1\frac{2}{11} = \left(-\frac{71}{12}\right) - \frac{13}{11} = \left(-\frac{781}{132}\right) - \frac{156}{132} = \left(-\frac{937}{132}\right) = \left(-7\frac{13}{132}\right)$$

$$7. \quad \left(-3\frac{1}{8}\right) - 5\frac{2}{5} = \left(-\frac{25}{8}\right) - \frac{27}{5} = \left(-\frac{125}{40}\right) - \frac{216}{40} = \left(-\frac{341}{40}\right) = \left(-8\frac{21}{40}\right)$$

$$8. \quad \left(-1\frac{1}{2}\right) - 1\frac{3}{5} = \left(-\frac{3}{2}\right) - \frac{8}{5} = \left(-\frac{15}{10}\right) - \frac{16}{10} = \left(-\frac{31}{10}\right) = \left(-3\frac{1}{10}\right)$$

$$9. \quad \left(-3\frac{1}{4}\right) - 2\frac{1}{3} = \left(-\frac{13}{4}\right) - \frac{7}{3} = \left(-\frac{39}{12}\right) - \frac{28}{12} = \left(-\frac{67}{12}\right) = \left(-5\frac{7}{12}\right)$$

$$10. \quad \left(-1\frac{1}{2}\right) - 5\frac{3}{5} = \left(-\frac{3}{2}\right) - \frac{28}{5} = \left(-\frac{15}{10}\right) - \frac{56}{10} = \left(-\frac{71}{10}\right) = \left(-7\frac{1}{10}\right)$$