

Subtracting Negative Mixed Fractions (J)

Name: _____

Date: _____

Score: _____

Calculate each difference.

1. $\left(-2\frac{1}{12}\right) - 5\frac{4}{7} = \text{---} - \text{---} = \text{---} - \text{---} = \text{---} = \text{---}$

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

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

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

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

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

7. $\left(-5\frac{7}{12}\right) - 2\frac{3}{7} = \text{---} - \text{---} = \text{---} - \text{---} = \text{---} = \text{---}$

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

9. $\left(-5\frac{8}{11}\right) - \left(-2\frac{1}{6}\right) = \text{---} - \text{---} = \text{---} - \text{---} = \text{---} = \text{---}$

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

Subtracting Negative Mixed Fractions (J) Answers

Name: _____

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Calculate each difference.

$$1. \quad \left(-2\frac{1}{12}\right) - 5\frac{4}{7} = \left(-\frac{25}{12}\right) - \frac{39}{7} = \left(-\frac{175}{84}\right) - \frac{468}{84} = \left(-\frac{643}{84}\right) = \left(-7\frac{55}{84}\right)$$

$$2. \quad \left(-2\frac{5}{9}\right) - \frac{1}{4} = \left(-\frac{23}{9}\right) - \frac{1}{4} = \left(-\frac{92}{36}\right) - \frac{9}{36} = \left(-\frac{101}{36}\right) = \left(-2\frac{29}{36}\right)$$

$$3. \quad \left(-5\frac{1}{3}\right) - \left(-5\frac{1}{2}\right) = \left(-\frac{16}{3}\right) - \left(-\frac{11}{2}\right) = \left(-\frac{32}{6}\right) - \left(-\frac{33}{6}\right) = \frac{1}{6}$$

$$4. \quad \left(-4\frac{5}{11}\right) - \left(-5\frac{2}{5}\right) = \left(-\frac{49}{11}\right) - \left(-\frac{27}{5}\right) = \left(-\frac{245}{55}\right) - \left(-\frac{297}{55}\right) = \frac{52}{55}$$

$$5. \quad \left(-4\frac{4}{9}\right) - \left(-5\frac{1}{4}\right) = \left(-\frac{40}{9}\right) - \left(-\frac{21}{4}\right) = \left(-\frac{160}{36}\right) - \left(-\frac{189}{36}\right) = \frac{29}{36}$$

$$6. \quad \left(-1\frac{1}{5}\right) - \left(-1\frac{4}{9}\right) = \left(-\frac{6}{5}\right) - \left(-\frac{13}{9}\right) = \left(-\frac{54}{45}\right) - \left(-\frac{65}{45}\right) = \frac{11}{45}$$

$$7. \quad \left(-5\frac{7}{12}\right) - 2\frac{3}{7} = \left(-\frac{67}{12}\right) - \frac{17}{7} = \left(-\frac{469}{84}\right) - \frac{204}{84} = \left(-\frac{673}{84}\right) = \left(-8\frac{1}{84}\right)$$

$$8. \quad \left(-4\frac{3}{4}\right) - \frac{3}{5} = \left(-\frac{19}{4}\right) - \frac{3}{5} = \left(-\frac{95}{20}\right) - \frac{12}{20} = \left(-\frac{107}{20}\right) = \left(-5\frac{7}{20}\right)$$

$$9. \quad \left(-5\frac{8}{11}\right) - \left(-2\frac{1}{6}\right) = \left(-\frac{63}{11}\right) - \left(-\frac{13}{6}\right) = \left(-\frac{378}{66}\right) - \left(-\frac{143}{66}\right) = \left(-\frac{235}{66}\right) = \left(-3\frac{37}{66}\right)$$

$$10. \quad \left(-4\frac{3}{8}\right) - \frac{7}{9} = \left(-\frac{35}{8}\right) - \frac{7}{9} = \left(-\frac{315}{72}\right) - \frac{56}{72} = \left(-\frac{371}{72}\right) = \left(-5\frac{11}{72}\right)$$