

Subtracting Negative Mixed Fractions (D)

Name: _____

Date: _____

Score: _____

Calculate each difference.

1. $\left(-3\frac{1}{4}\right) - \frac{2}{5} = \underline{\hspace{1cm}} - \underline{\hspace{1cm}} = \underline{\hspace{1cm}} - \underline{\hspace{1cm}} = \underline{\hspace{1cm}} = \underline{\hspace{1cm}}$

2. $\left(-2\frac{1}{3}\right) - \frac{4}{5} = \underline{\hspace{1cm}} - \underline{\hspace{1cm}} = \underline{\hspace{1cm}} - \underline{\hspace{1cm}} = \underline{\hspace{1cm}} = \underline{\hspace{1cm}}$

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

4. $\left(-4\frac{1}{2}\right) - \left(-5\frac{1}{3}\right) = \underline{\hspace{1cm}} - \underline{\hspace{1cm}} = \underline{\hspace{1cm}} - \underline{\hspace{1cm}} = \underline{\hspace{1cm}}$

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

6. $\left(-4\frac{1}{5}\right) - 4\frac{1}{4} = \underline{\hspace{1cm}} - \underline{\hspace{1cm}} = \underline{\hspace{1cm}} - \underline{\hspace{1cm}} = \underline{\hspace{1cm}} = \underline{\hspace{1cm}}$

7. $\left(-3\frac{2}{3}\right) - \left(-5\frac{1}{5}\right) = \underline{\hspace{1cm}} - \underline{\hspace{1cm}} = \underline{\hspace{1cm}} - \underline{\hspace{1cm}} = \underline{\hspace{1cm}} = \underline{\hspace{1cm}}$

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

9. $\left(-3\frac{1}{2}\right) - \left(-3\frac{1}{3}\right) = \underline{\hspace{1cm}} - \underline{\hspace{1cm}} = \underline{\hspace{1cm}} - \underline{\hspace{1cm}} = \underline{\hspace{1cm}}$

10. $\left(-2\frac{2}{3}\right) - \left(-1\frac{1}{2}\right) = \underline{\hspace{1cm}} - \underline{\hspace{1cm}} = \underline{\hspace{1cm}} - \underline{\hspace{1cm}} = \underline{\hspace{1cm}} = \underline{\hspace{1cm}}$

Subtracting Negative Mixed Fractions (D) Answers

Name: _____

Date: _____

Score: _____

Calculate each difference.

$$1. \quad \left(-3\frac{1}{4}\right) - \frac{2}{5} = \left(-\frac{13}{4}\right) - \frac{2}{5} = \left(-\frac{65}{20}\right) - \frac{8}{20} = \left(-\frac{73}{20}\right) = \left(-3\frac{13}{20}\right)$$

$$2. \quad \left(-2\frac{1}{3}\right) - \frac{4}{5} = \left(-\frac{7}{3}\right) - \frac{4}{5} = \left(-\frac{35}{15}\right) - \frac{12}{15} = \left(-\frac{47}{15}\right) = \left(-3\frac{2}{15}\right)$$

$$3. \quad \left(-3\frac{1}{2}\right) - \frac{3}{5} = \left(-\frac{7}{2}\right) - \frac{3}{5} = \left(-\frac{35}{10}\right) - \frac{6}{10} = \left(-\frac{41}{10}\right) = \left(-4\frac{1}{10}\right)$$

$$4. \quad \left(-4\frac{1}{2}\right) - \left(-5\frac{1}{3}\right) = \left(-\frac{9}{2}\right) - \left(-\frac{16}{3}\right) = \left(-\frac{27}{6}\right) - \left(-\frac{32}{6}\right) = \frac{5}{6}$$

$$5. \quad \left(-3\frac{2}{3}\right) - \frac{1}{2} = \left(-\frac{11}{3}\right) - \frac{1}{2} = \left(-\frac{22}{6}\right) - \frac{3}{6} = \left(-\frac{25}{6}\right) = \left(-4\frac{1}{6}\right)$$

$$6. \quad \left(-4\frac{1}{5}\right) - 4\frac{1}{4} = \left(-\frac{21}{5}\right) - \frac{17}{4} = \left(-\frac{84}{20}\right) - \frac{85}{20} = \left(-\frac{169}{20}\right) = \left(-8\frac{9}{20}\right)$$

$$7. \quad \left(-3\frac{2}{3}\right) - \left(-5\frac{1}{5}\right) = \left(-\frac{11}{3}\right) - \left(-\frac{26}{5}\right) = \left(-\frac{55}{15}\right) - \left(-\frac{78}{15}\right) = \frac{23}{15} = 1\frac{8}{15}$$

$$8. \quad \left(-3\frac{1}{2}\right) - 1\frac{1}{3} = \left(-\frac{7}{2}\right) - \frac{4}{3} = \left(-\frac{21}{6}\right) - \frac{8}{6} = \left(-\frac{29}{6}\right) = \left(-4\frac{5}{6}\right)$$

$$9. \quad \left(-3\frac{1}{2}\right) - \left(-3\frac{1}{3}\right) = \left(-\frac{7}{2}\right) - \left(-\frac{10}{3}\right) = \left(-\frac{21}{6}\right) - \left(-\frac{20}{6}\right) = \left(-\frac{1}{6}\right)$$

$$10. \quad \left(-2\frac{2}{3}\right) - \left(-1\frac{1}{2}\right) = \left(-\frac{8}{3}\right) - \left(-\frac{3}{2}\right) = \left(-\frac{16}{6}\right) - \left(-\frac{9}{6}\right) = \left(-\frac{7}{6}\right) = \left(-1\frac{1}{6}\right)$$