

Subtracting Negative Mixed Fractions (D)

Name: _____

Date: _____

Score: _____

Calculate each difference.

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

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

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

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

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

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

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

8. $\left(-2\frac{3}{4}\right) - \frac{2}{3} =$

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

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

Subtracting Negative Mixed Fractions (D) Answers

Name: _____

Date: _____

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Calculate each difference.

$$1. \quad \left(-2\frac{2}{3}\right) - 4\frac{1}{2} = \left(-\frac{8}{3}\right) - \frac{9}{2} = \left(-\frac{16}{6}\right) - \frac{27}{6} = \left(-\frac{43}{6}\right) = \left(-7\frac{1}{6}\right)$$

$$2. \quad \left(-2\frac{5}{6}\right) - \frac{1}{5} = \left(-\frac{17}{6}\right) - \frac{1}{5} = \left(-\frac{85}{30}\right) - \frac{6}{30} = \left(-\frac{91}{30}\right) = \left(-3\frac{1}{30}\right)$$

$$3. \quad \left(-2\frac{2}{3}\right) - \left(-2\frac{1}{2}\right) = \left(-\frac{8}{3}\right) - \left(-\frac{5}{2}\right) = \left(-\frac{16}{6}\right) - \left(-\frac{15}{6}\right) = \left(-\frac{1}{6}\right)$$

$$4. \quad \left(-5\frac{1}{2}\right) - \left(-4\frac{4}{5}\right) = \left(-\frac{11}{2}\right) - \left(-\frac{24}{5}\right) = \left(-\frac{55}{10}\right) - \left(-\frac{48}{10}\right) = \left(-\frac{7}{10}\right)$$

$$5. \quad \left(-1\frac{3}{4}\right) - \left(-5\frac{1}{3}\right) = \left(-\frac{7}{4}\right) - \left(-\frac{16}{3}\right) = \left(-\frac{21}{12}\right) - \left(-\frac{64}{12}\right) = \frac{43}{12} = 3\frac{7}{12}$$

$$6. \quad \left(-4\frac{1}{3}\right) - \left(-3\frac{1}{4}\right) = \left(-\frac{13}{3}\right) - \left(-\frac{13}{4}\right) = \left(-\frac{52}{12}\right) - \left(-\frac{39}{12}\right) = \left(-\frac{13}{12}\right) = \left(-1\frac{1}{12}\right)$$

$$7. \quad \left(-5\frac{1}{2}\right) - 3\frac{2}{5} = \left(-\frac{11}{2}\right) - \frac{17}{5} = \left(-\frac{55}{10}\right) - \frac{34}{10} = \left(-\frac{89}{10}\right) = \left(-8\frac{9}{10}\right)$$

$$8. \quad \left(-2\frac{3}{4}\right) - \frac{2}{3} = \left(-\frac{11}{4}\right) - \frac{2}{3} = \left(-\frac{33}{12}\right) - \frac{8}{12} = \left(-\frac{41}{12}\right) = \left(-3\frac{5}{12}\right)$$

$$9. \quad \left(-5\frac{2}{3}\right) - 2\frac{1}{2} = \left(-\frac{17}{3}\right) - \frac{5}{2} = \left(-\frac{34}{6}\right) - \frac{15}{6} = \left(-\frac{49}{6}\right) = \left(-8\frac{1}{6}\right)$$

$$10. \quad \left(-5\frac{1}{2}\right) - \left(-2\frac{4}{5}\right) = \left(-\frac{11}{2}\right) - \left(-\frac{14}{5}\right) = \left(-\frac{55}{10}\right) - \left(-\frac{28}{10}\right) = \left(-\frac{27}{10}\right) = \left(-2\frac{7}{10}\right)$$