

Adding Negative Mixed Fractions (C)

Name: _____

Date: _____

Score: _____

Calculate each sum.

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

2. $\left(-3\frac{3}{5}\right) + 4\frac{2}{3} =$

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

4. $\left(-2\frac{2}{3}\right) + 5\frac{2}{5} =$

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

6. $\left(-5\frac{1}{3}\right) + \left(-2\frac{1}{4}\right) =$

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

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

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

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

Adding Negative Mixed Fractions (C) Answers

Name: _____

Date: _____

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Calculate each sum.

$$1. \quad \left(-3\frac{2}{5}\right) + \frac{5}{6} = \left(-\frac{17}{5}\right) + \frac{5}{6} = \left(-\frac{102}{30}\right) + \frac{25}{30} = \left(-\frac{77}{30}\right) = \left(-2\frac{17}{30}\right)$$

$$2. \quad \left(-3\frac{3}{5}\right) + 4\frac{2}{3} = \left(-\frac{18}{5}\right) + \frac{14}{3} = \left(-\frac{54}{15}\right) + \frac{70}{15} = \frac{16}{15} = 1\frac{1}{15}$$

$$3. \quad \left(-3\frac{2}{3}\right) + 4\frac{1}{5} = \left(-\frac{11}{3}\right) + \frac{21}{5} = \left(-\frac{55}{15}\right) + \frac{63}{15} = \frac{8}{15}$$

$$4. \quad \left(-2\frac{2}{3}\right) + 5\frac{2}{5} = \left(-\frac{8}{3}\right) + \frac{27}{5} = \left(-\frac{40}{15}\right) + \frac{81}{15} = \frac{41}{15} = 2\frac{11}{15}$$

$$5. \quad \left(-2\frac{1}{2}\right) + \left(-3\frac{3}{5}\right) = \left(-\frac{5}{2}\right) + \left(-\frac{18}{5}\right) = \left(-\frac{25}{10}\right) + \left(-\frac{36}{10}\right) = \left(-\frac{61}{10}\right) = \left(-6\frac{1}{10}\right)$$

$$6. \quad \left(-5\frac{1}{3}\right) + \left(-2\frac{1}{4}\right) = \left(-\frac{16}{3}\right) + \left(-\frac{9}{4}\right) = \left(-\frac{64}{12}\right) + \left(-\frac{27}{12}\right) = \left(-\frac{91}{12}\right) = \left(-7\frac{7}{12}\right)$$

$$7. \quad \left(-1\frac{1}{3}\right) + \frac{3}{5} = \left(-\frac{4}{3}\right) + \frac{3}{5} = \left(-\frac{20}{15}\right) + \frac{9}{15} = \left(-\frac{11}{15}\right)$$

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

$$9. \quad \left(-1\frac{1}{4}\right) + \left(-1\frac{2}{5}\right) = \left(-\frac{5}{4}\right) + \left(-\frac{7}{5}\right) = \left(-\frac{25}{20}\right) + \left(-\frac{28}{20}\right) = \left(-\frac{53}{20}\right) = \left(-2\frac{13}{20}\right)$$

$$10. \quad \left(-4\frac{1}{6}\right) + 1\frac{1}{5} = \left(-\frac{25}{6}\right) + \frac{6}{5} = \left(-\frac{125}{30}\right) + \frac{36}{30} = \left(-\frac{89}{30}\right) = \left(-2\frac{29}{30}\right)$$