

Adding Negative Mixed Fractions (A)

Name: _____

Date: _____

Score: _____

Calculate each sum.

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

Convert ↑ Denominator Solve Convert ↓

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

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

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

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

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

$$7. \left(-3\frac{1}{4}\right) + \left(-4\frac{1}{3}\right) = \underline{\quad} + \underline{\quad} = \underline{\quad} + \underline{\quad} = \underline{\quad} = \underline{\quad}$$

$$8. \left(-3\frac{1}{4}\right) + \left(-3\frac{2}{5}\right) = \underline{\quad} + \underline{\quad} = \underline{\quad} + \underline{\quad} = \underline{\quad} = \underline{\quad}$$

$$9. \left(-2\frac{3}{4}\right) + \left(-3\frac{2}{5}\right) = \underline{\quad} + \underline{\quad} = \underline{\quad} + \underline{\quad} = \underline{\quad} = \underline{\quad}$$

$$10. \left(-4\frac{1}{3}\right) + \frac{1}{2} = \underline{\quad} + \underline{\quad} = \underline{\quad} + \underline{\quad} = \underline{\quad} = \underline{\quad}$$

Adding Negative Mixed Fractions (A) Answers

Name: _____

Date: _____

Score: _____

Calculate each sum.

$$1. \left(-2\frac{2}{5}\right) + \left(-3\frac{5}{6}\right) = \left(-\frac{12}{5}\right) + \left(-\frac{23}{6}\right) = \left(-\frac{72}{30}\right) + \left(-\frac{115}{30}\right) = \left(-\frac{187}{30}\right) = \left(-6\frac{7}{30}\right)$$

$$2. \left(-3\frac{3}{4}\right) + \left(-4\frac{3}{5}\right) = \left(-\frac{15}{4}\right) + \left(-\frac{23}{5}\right) = \left(-\frac{75}{20}\right) + \left(-\frac{92}{20}\right) = \left(-\frac{167}{20}\right) = \left(-8\frac{7}{20}\right)$$

$$3. \left(-5\frac{1}{4}\right) + 2\frac{4}{5} = \left(-\frac{21}{4}\right) + \frac{14}{5} = \left(-\frac{105}{20}\right) + \frac{56}{20} = \left(-\frac{49}{20}\right) = \left(-2\frac{9}{20}\right)$$

$$4. \left(-4\frac{2}{3}\right) + 3\frac{1}{5} = \left(-\frac{14}{3}\right) + \frac{16}{5} = \left(-\frac{70}{15}\right) + \frac{48}{15} = \left(-\frac{22}{15}\right) = \left(-1\frac{7}{15}\right)$$

$$5. \left(-1\frac{1}{4}\right) + \left(-1\frac{2}{3}\right) = \left(-\frac{5}{4}\right) + \left(-\frac{5}{3}\right) = \left(-\frac{15}{12}\right) + \left(-\frac{20}{12}\right) = \left(-\frac{35}{12}\right) = \left(-2\frac{11}{12}\right)$$

$$6. \left(-1\frac{1}{3}\right) + 5\frac{3}{5} = \left(-\frac{4}{3}\right) + \frac{28}{5} = \left(-\frac{20}{15}\right) + \frac{84}{15} = \frac{64}{15} = 4\frac{4}{15}$$

$$7. \left(-3\frac{1}{4}\right) + \left(-4\frac{1}{3}\right) = \left(-\frac{13}{4}\right) + \left(-\frac{13}{3}\right) = \left(-\frac{39}{12}\right) + \left(-\frac{52}{12}\right) = \left(-\frac{91}{12}\right) = \left(-7\frac{7}{12}\right)$$

$$8. \left(-3\frac{1}{4}\right) + \left(-3\frac{2}{5}\right) = \left(-\frac{13}{4}\right) + \left(-\frac{17}{5}\right) = \left(-\frac{65}{20}\right) + \left(-\frac{68}{20}\right) = \left(-\frac{133}{20}\right) = \left(-6\frac{13}{20}\right)$$

$$9. \left(-2\frac{3}{4}\right) + \left(-3\frac{2}{5}\right) = \left(-\frac{11}{4}\right) + \left(-\frac{17}{5}\right) = \left(-\frac{55}{20}\right) + \left(-\frac{68}{20}\right) = \left(-\frac{123}{20}\right) = \left(-6\frac{3}{20}\right)$$

$$10. \left(-4\frac{1}{3}\right) + \frac{1}{2} = \left(-\frac{13}{3}\right) + \frac{1}{2} = \left(-\frac{26}{6}\right) + \frac{3}{6} = \left(-\frac{23}{6}\right) = \left(-3\frac{5}{6}\right)$$