

## Adding Negative Mixed Fractions (A)

Name: \_\_\_\_\_

Date: \_\_\_\_\_

Score: \_\_\_\_\_

Calculate each sum.

$$1. \left(-2\frac{1}{10}\right) + \left(-5\frac{2}{11}\right) = \underline{\quad} + \underline{\quad} = \underline{\quad} + \underline{\quad} = \underline{\quad} = \underline{\quad}$$

Convert ↑                      Denominator                      Solve                      Convert ↓

$$2. \left(-2\frac{7}{9}\right) + 2\frac{1}{8} = \underline{\quad} + \underline{\quad} = \underline{\quad} + \underline{\quad} = \underline{\quad}$$

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

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

$$5. \left(-5\frac{1}{8}\right) + \left(-1\frac{6}{7}\right) = \underline{\quad} + \underline{\quad} = \underline{\quad} + \underline{\quad} = \underline{\quad} = \underline{\quad}$$

$$6. \left(-2\frac{3}{8}\right) + \frac{3}{5} = \underline{\quad} + \underline{\quad} = \underline{\quad} + \underline{\quad} = \underline{\quad} = \underline{\quad}$$

$$7. \left(-1\frac{1}{2}\right) + \left(-5\frac{8}{9}\right) = \underline{\quad} + \underline{\quad} = \underline{\quad} + \underline{\quad} = \underline{\quad} = \underline{\quad}$$

$$8. \left(-1\frac{2}{11}\right) + \left(-4\frac{11}{12}\right) = \underline{\quad} + \underline{\quad} = \underline{\quad} + \underline{\quad} = \underline{\quad} = \underline{\quad}$$

$$9. \left(-3\frac{8}{11}\right) + \left(-4\frac{2}{3}\right) = \underline{\quad} + \underline{\quad} = \underline{\quad} + \underline{\quad} = \underline{\quad} = \underline{\quad}$$

$$10. \left(-5\frac{6}{11}\right) + 4\frac{6}{7} = \underline{\quad} + \underline{\quad} = \underline{\quad} + \underline{\quad} = \underline{\quad}$$

## Adding Negative Mixed Fractions (A) Answers

Name: \_\_\_\_\_

Date: \_\_\_\_\_

Score: \_\_\_\_\_

Calculate each sum.

$$1. \left(-2\frac{1}{10}\right) + \left(-5\frac{2}{11}\right) = \left(-\frac{21}{10}\right) + \left(-\frac{57}{11}\right) = \left(-\frac{231}{110}\right) + \left(-\frac{570}{110}\right) = \left(-\frac{801}{110}\right) = \left(-7\frac{31}{110}\right)$$

$$2. \left(-2\frac{7}{9}\right) + 2\frac{1}{8} = \left(-\frac{25}{9}\right) + \frac{17}{8} = \left(-\frac{200}{72}\right) + \frac{153}{72} = \left(-\frac{47}{72}\right)$$

$$3. \left(-1\frac{1}{2}\right) + 1\frac{2}{5} = \left(-\frac{3}{2}\right) + \frac{7}{5} = \left(-\frac{15}{10}\right) + \frac{14}{10} = \left(-\frac{1}{10}\right)$$

$$4. \left(-3\frac{5}{6}\right) + 5\frac{1}{5} = \left(-\frac{23}{6}\right) + \frac{26}{5} = \left(-\frac{115}{30}\right) + \frac{156}{30} = \frac{41}{30} = 1\frac{11}{30}$$

$$5. \left(-5\frac{1}{8}\right) + \left(-1\frac{6}{7}\right) = \left(-\frac{41}{8}\right) + \left(-\frac{13}{7}\right) = \left(-\frac{287}{56}\right) + \left(-\frac{104}{56}\right) = \left(-\frac{391}{56}\right) = \left(-6\frac{55}{56}\right)$$

$$6. \left(-2\frac{3}{8}\right) + \frac{3}{5} = \left(-\frac{19}{8}\right) + \frac{3}{5} = \left(-\frac{95}{40}\right) + \frac{24}{40} = \left(-\frac{71}{40}\right) = \left(-1\frac{31}{40}\right)$$

$$7. \left(-1\frac{1}{2}\right) + \left(-5\frac{8}{9}\right) = \left(-\frac{3}{2}\right) + \left(-\frac{53}{9}\right) = \left(-\frac{27}{18}\right) + \left(-\frac{106}{18}\right) = \left(-\frac{133}{18}\right) = \left(-7\frac{7}{18}\right)$$

$$8. \left(-1\frac{2}{11}\right) + \left(-4\frac{11}{12}\right) = \left(-\frac{13}{11}\right) + \left(-\frac{59}{12}\right) = \left(-\frac{156}{132}\right) + \left(-\frac{649}{132}\right) = \left(-\frac{805}{132}\right) = \left(-6\frac{13}{132}\right)$$

$$9. \left(-3\frac{8}{11}\right) + \left(-4\frac{2}{3}\right) = \left(-\frac{41}{11}\right) + \left(-\frac{14}{3}\right) = \left(-\frac{123}{33}\right) + \left(-\frac{154}{33}\right) = \left(-\frac{277}{33}\right) = \left(-8\frac{13}{33}\right)$$

$$10. \left(-5\frac{6}{11}\right) + 4\frac{6}{7} = \left(-\frac{61}{11}\right) + \frac{34}{7} = \left(-\frac{427}{77}\right) + \frac{374}{77} = \left(-\frac{53}{77}\right)$$