

Adding Negative Mixed Fractions (J)

Name: _____

Date: _____

Score: _____

Calculate each sum.

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

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

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

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

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

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

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

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

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

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

Adding Negative Mixed Fractions (J) Answers

Name: _____

Date: _____

Score: _____

Calculate each sum.

$$1. \quad \left(-5\frac{1}{2}\right) + \frac{1}{3} = \left(-\frac{11}{2}\right) + \frac{1}{3} = \left(-\frac{33}{6}\right) + \frac{2}{6} = \left(-\frac{31}{6}\right) = \left(-5\frac{1}{6}\right)$$

$$2. \quad \left(-3\frac{2}{3}\right) + \left(-5\frac{1}{5}\right) = \left(-\frac{11}{3}\right) + \left(-\frac{26}{5}\right) = \left(-\frac{55}{15}\right) + \left(-\frac{78}{15}\right) = \left(-\frac{133}{15}\right) = \left(-8\frac{13}{15}\right)$$

$$3. \quad \left(-1\frac{1}{3}\right) + \left(-4\frac{1}{2}\right) = \left(-\frac{4}{3}\right) + \left(-\frac{9}{2}\right) = \left(-\frac{8}{6}\right) + \left(-\frac{27}{6}\right) = \left(-\frac{35}{6}\right) = \left(-5\frac{5}{6}\right)$$

$$4. \quad \left(-2\frac{2}{5}\right) + \frac{1}{4} = \left(-\frac{12}{5}\right) + \frac{1}{4} = \left(-\frac{48}{20}\right) + \frac{5}{20} = \left(-\frac{43}{20}\right) = \left(-2\frac{3}{20}\right)$$

$$5. \quad \left(-1\frac{2}{3}\right) + \left(-4\frac{3}{4}\right) = \left(-\frac{5}{3}\right) + \left(-\frac{19}{4}\right) = \left(-\frac{20}{12}\right) + \left(-\frac{57}{12}\right) = \left(-\frac{77}{12}\right) = \left(-6\frac{5}{12}\right)$$

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

$$7. \quad \left(-3\frac{1}{2}\right) + 4\frac{1}{3} = \left(-\frac{7}{2}\right) + \frac{13}{3} = \left(-\frac{21}{6}\right) + \frac{26}{6} = \frac{5}{6}$$

$$8. \quad \left(-4\frac{3}{5}\right) + \left(-1\frac{5}{6}\right) = \left(-\frac{23}{5}\right) + \left(-\frac{11}{6}\right) = \left(-\frac{138}{30}\right) + \left(-\frac{55}{30}\right) = \left(-\frac{193}{30}\right) = \left(-6\frac{13}{30}\right)$$

$$9. \quad \left(-5\frac{2}{3}\right) + 2\frac{1}{4} = \left(-\frac{17}{3}\right) + \frac{9}{4} = \left(-\frac{68}{12}\right) + \frac{27}{12} = \left(-\frac{41}{12}\right) = \left(-3\frac{5}{12}\right)$$

$$10. \quad \left(-4\frac{2}{3}\right) + \left(-2\frac{1}{2}\right) = \left(-\frac{14}{3}\right) + \left(-\frac{5}{2}\right) = \left(-\frac{28}{6}\right) + \left(-\frac{15}{6}\right) = \left(-\frac{43}{6}\right) = \left(-7\frac{1}{6}\right)$$