

Adding Negative Mixed Fractions (H)

Name: _____

Date: _____

Score: _____

Calculate each sum.

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

2. $\left(-5\frac{7}{8}\right) + \frac{3}{5} =$

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

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

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

6. $\left(-1\frac{1}{4}\right) + \frac{5}{7} =$

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

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

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

10. $\left(-1\frac{1}{4}\right) + \left(-2\frac{6}{7}\right) =$

Adding Negative Mixed Fractions (H) Answers

Name: _____

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Calculate each sum.

$$1. \quad \left(-5\frac{1}{3}\right) + 2\frac{2}{7} = \left(-\frac{16}{3}\right) + \frac{16}{7} = \left(-\frac{112}{21}\right) + \frac{48}{21} = \left(-\frac{64}{21}\right) = \left(-3\frac{1}{21}\right)$$

$$2. \quad \left(-5\frac{7}{8}\right) + \frac{3}{5} = \left(-\frac{47}{8}\right) + \frac{3}{5} = \left(-\frac{235}{40}\right) + \frac{24}{40} = \left(-\frac{211}{40}\right) = \left(-5\frac{11}{40}\right)$$

$$3. \quad \left(-2\frac{1}{6}\right) + \left(-4\frac{1}{5}\right) = \left(-\frac{13}{6}\right) + \left(-\frac{21}{5}\right) = \left(-\frac{65}{30}\right) + \left(-\frac{126}{30}\right) = \left(-\frac{191}{30}\right) = \left(-6\frac{11}{30}\right)$$

$$4. \quad \left(-5\frac{8}{9}\right) + \left(-1\frac{2}{5}\right) = \left(-\frac{53}{9}\right) + \left(-\frac{7}{5}\right) = \left(-\frac{265}{45}\right) + \left(-\frac{63}{45}\right) = \left(-\frac{328}{45}\right) = \left(-7\frac{13}{45}\right)$$

$$5. \quad \left(-3\frac{1}{11}\right) + 3\frac{4}{9} = \left(-\frac{34}{11}\right) + \frac{31}{9} = \left(-\frac{306}{99}\right) + \frac{341}{99} = \frac{35}{99}$$

$$6. \quad \left(-1\frac{1}{4}\right) + \frac{5}{7} = \left(-\frac{5}{4}\right) + \frac{5}{7} = \left(-\frac{35}{28}\right) + \frac{20}{28} = \left(-\frac{15}{28}\right)$$

$$7. \quad \left(-2\frac{3}{4}\right) + 4\frac{2}{5} = \left(-\frac{11}{4}\right) + \frac{22}{5} = \left(-\frac{55}{20}\right) + \frac{88}{20} = \frac{33}{20} = 1\frac{13}{20}$$

$$8. \quad \left(-3\frac{3}{8}\right) + 1\frac{1}{3} = \left(-\frac{27}{8}\right) + \frac{4}{3} = \left(-\frac{81}{24}\right) + \frac{32}{24} = \left(-\frac{49}{24}\right) = \left(-2\frac{1}{24}\right)$$

$$9. \quad \left(-2\frac{3}{11}\right) + \frac{3}{8} = \left(-\frac{25}{11}\right) + \frac{3}{8} = \left(-\frac{200}{88}\right) + \frac{33}{88} = \left(-\frac{167}{88}\right) = \left(-1\frac{79}{88}\right)$$

$$10. \quad \left(-1\frac{1}{4}\right) + \left(-2\frac{6}{7}\right) = \left(-\frac{5}{4}\right) + \left(-\frac{20}{7}\right) = \left(-\frac{35}{28}\right) + \left(-\frac{80}{28}\right) = \left(-\frac{115}{28}\right) = \left(-4\frac{3}{28}\right)$$