

Adding Negative Mixed Fractions (D)

Name: _____

Date: _____

Score: _____

Calculate each sum.

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

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

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

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

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

6. $\left(-2\frac{1}{12}\right) + \left(-5\frac{2}{11}\right) =$

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

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

9. $\left(-2\frac{3}{11}\right) + \frac{1}{5} =$

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

Adding Negative Mixed Fractions (D) Answers

Name: _____

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Calculate each sum.

$$1. \quad \left(-2\frac{4}{9}\right) + \left(-1\frac{1}{2}\right) = \left(-\frac{22}{9}\right) + \left(-\frac{3}{2}\right) = \left(-\frac{44}{18}\right) + \left(-\frac{27}{18}\right) = \left(-\frac{71}{18}\right) = \left(-3\frac{17}{18}\right)$$

$$2. \quad \left(-1\frac{1}{2}\right) + 1\frac{2}{3} = \left(-\frac{3}{2}\right) + \frac{5}{3} = \left(-\frac{9}{6}\right) + \frac{10}{6} = \frac{1}{6}$$

$$3. \quad \left(-5\frac{2}{11}\right) + 5\frac{1}{2} = \left(-\frac{57}{11}\right) + \frac{11}{2} = \left(-\frac{114}{22}\right) + \frac{121}{22} = \frac{7}{22}$$

$$4. \quad \left(-5\frac{9}{11}\right) + 3\frac{1}{3} = \left(-\frac{64}{11}\right) + \frac{10}{3} = \left(-\frac{192}{33}\right) + \frac{110}{33} = \left(-\frac{82}{33}\right) = \left(-2\frac{16}{33}\right)$$

$$5. \quad \left(-3\frac{1}{2}\right) + \left(-1\frac{3}{11}\right) = \left(-\frac{7}{2}\right) + \left(-\frac{14}{11}\right) = \left(-\frac{77}{22}\right) + \left(-\frac{28}{22}\right) = \left(-\frac{105}{22}\right) = \left(-4\frac{17}{22}\right)$$

$$6. \quad \left(-2\frac{1}{12}\right) + \left(-5\frac{2}{11}\right) = \left(-\frac{25}{12}\right) + \left(-\frac{57}{11}\right) = \left(-\frac{275}{132}\right) + \left(-\frac{684}{132}\right) = \left(-\frac{959}{132}\right) = \left(-7\frac{35}{132}\right)$$

$$7. \quad \left(-1\frac{1}{4}\right) + \left(-1\frac{8}{9}\right) = \left(-\frac{5}{4}\right) + \left(-\frac{17}{9}\right) = \left(-\frac{45}{36}\right) + \left(-\frac{68}{36}\right) = \left(-\frac{113}{36}\right) = \left(-3\frac{5}{36}\right)$$

$$8. \quad \left(-3\frac{1}{5}\right) + 2\frac{3}{7} = \left(-\frac{16}{5}\right) + \frac{17}{7} = \left(-\frac{112}{35}\right) + \frac{85}{35} = \left(-\frac{27}{35}\right)$$

$$9. \quad \left(-2\frac{3}{11}\right) + \frac{1}{5} = \left(-\frac{25}{11}\right) + \frac{1}{5} = \left(-\frac{125}{55}\right) + \frac{11}{55} = \left(-\frac{114}{55}\right) = \left(-2\frac{4}{55}\right)$$

$$10. \quad \left(-2\frac{3}{10}\right) + 5\frac{2}{3} = \left(-\frac{23}{10}\right) + \frac{17}{3} = \left(-\frac{69}{30}\right) + \frac{170}{30} = \frac{101}{30} = 3\frac{11}{30}$$