

Adding Negative Mixed Fractions (B)

Name: _____

Date: _____

Score: _____

Calculate each sum.

1. $\left(-2\frac{3}{11}\right) + 4\frac{1}{6} =$

2. $\left(-1\frac{5}{6}\right) + \left(-3\frac{7}{11}\right) =$

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

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

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

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

7. $\left(-4\frac{1}{9}\right) + 3\frac{7}{10} =$

8. $\left(-2\frac{9}{11}\right) + \left(-3\frac{9}{10}\right) =$

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

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

Adding Negative Mixed Fractions (B) Answers

Name: _____

Date: _____

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Calculate each sum.

$$1. \quad \left(-2\frac{3}{11}\right) + 4\frac{1}{6} = \left(-\frac{25}{11}\right) + \frac{25}{6} = \left(-\frac{150}{66}\right) + \frac{275}{66} = \frac{125}{66} = 1\frac{59}{66}$$

$$2. \quad \left(-1\frac{5}{6}\right) + \left(-3\frac{7}{11}\right) = \left(-\frac{11}{6}\right) + \left(-\frac{40}{11}\right) = \left(-\frac{121}{66}\right) + \left(-\frac{240}{66}\right) = \left(-\frac{361}{66}\right) = \left(-5\frac{31}{66}\right)$$

$$3. \quad \left(-4\frac{2}{3}\right) + 5\frac{2}{5} = \left(-\frac{14}{3}\right) + \frac{27}{5} = \left(-\frac{70}{15}\right) + \frac{81}{15} = \frac{11}{15}$$

$$4. \quad \left(-1\frac{3}{7}\right) + \left(-3\frac{1}{3}\right) = \left(-\frac{10}{7}\right) + \left(-\frac{10}{3}\right) = \left(-\frac{30}{21}\right) + \left(-\frac{70}{21}\right) = \left(-\frac{100}{21}\right) = \left(-4\frac{16}{21}\right)$$

$$5. \quad \left(-3\frac{1}{4}\right) + 5\frac{9}{11} = \left(-\frac{13}{4}\right) + \frac{64}{11} = \left(-\frac{143}{44}\right) + \frac{256}{44} = \frac{113}{44} = 2\frac{25}{44}$$

$$6. \quad \left(-1\frac{2}{9}\right) + \left(-1\frac{3}{5}\right) = \left(-\frac{11}{9}\right) + \left(-\frac{8}{5}\right) = \left(-\frac{55}{45}\right) + \left(-\frac{72}{45}\right) = \left(-\frac{127}{45}\right) = \left(-2\frac{37}{45}\right)$$

$$7. \quad \left(-4\frac{1}{9}\right) + 3\frac{7}{10} = \left(-\frac{37}{9}\right) + \frac{37}{10} = \left(-\frac{370}{90}\right) + \frac{333}{90} = \left(-\frac{37}{90}\right)$$

$$8. \quad \left(-2\frac{9}{11}\right) + \left(-3\frac{9}{10}\right) = \left(-\frac{31}{11}\right) + \left(-\frac{39}{10}\right) = \left(-\frac{310}{110}\right) + \left(-\frac{429}{110}\right) = \left(-\frac{739}{110}\right) = \left(-6\frac{79}{110}\right)$$

$$9. \quad \left(-1\frac{2}{5}\right) + \left(-1\frac{8}{9}\right) = \left(-\frac{7}{5}\right) + \left(-\frac{17}{9}\right) = \left(-\frac{63}{45}\right) + \left(-\frac{85}{45}\right) = \left(-\frac{148}{45}\right) = \left(-3\frac{13}{45}\right)$$

$$10. \quad \left(-1\frac{1}{10}\right) + \frac{5}{9} = \left(-\frac{11}{10}\right) + \frac{5}{9} = \left(-\frac{99}{90}\right) + \frac{50}{90} = \left(-\frac{49}{90}\right)$$