

Operations with Two Mixed Fractions (I)

Name: _____

Date: _____

Score: _____

Calculate each result.

1. $4\frac{4}{17} \div 5\frac{6}{8} =$

2. $5\frac{1}{3} \div 1\frac{5}{11} =$

3. $1\frac{1}{2} \times 5\frac{2}{4} =$

4. $5\frac{6}{8} \div 3\frac{3}{4} =$

5. $5\frac{4}{8} + 2\frac{2}{9} =$

6. $5\frac{1}{4} \times 1\frac{7}{17} =$

7. $5\frac{1}{3} + 2\frac{8}{14} =$

8. $5\frac{5}{9} \times 1\frac{1}{4} =$

9. $5\frac{2}{7} + 1\frac{14}{18} =$

10. $5\frac{2}{6} - 4\frac{9}{11} =$

Operations with Two Mixed Fractions (I) Answers

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Calculate each result.

$$1. \quad 4\frac{4}{17} \div 5\frac{6}{8} = \frac{72}{17} \div \frac{46}{8} = \frac{72}{17} \times \frac{8}{46} = \frac{576}{782} = \frac{288}{391}$$

$$2. \quad 5\frac{1}{3} \div 1\frac{5}{11} = \frac{16}{3} \div \frac{16}{11} = \frac{16}{3} \times \frac{11}{16} = \frac{176}{48} = \frac{11}{3} = 3\frac{2}{3}$$

$$3. \quad 1\frac{1}{2} \times 5\frac{2}{4} = \frac{3}{2} \times \frac{22}{4} = \frac{66}{8} = \frac{33}{4} = 8\frac{1}{4}$$

$$4. \quad 5\frac{6}{8} \div 3\frac{3}{4} = \frac{46}{8} \div \frac{15}{4} = \frac{46}{8} \times \frac{4}{15} = \frac{184}{120} = \frac{23}{15} = 1\frac{8}{15}$$

$$5. \quad 5\frac{4}{8} + 2\frac{2}{9} = \frac{44}{8} + \frac{20}{9} = \frac{396}{72} + \frac{160}{72} = \frac{556}{72} = \frac{139}{18} = 7\frac{13}{18}$$

$$6. \quad 5\frac{1}{4} \times 1\frac{7}{17} = \frac{21}{4} \times \frac{24}{17} = \frac{504}{68} = \frac{126}{17} = 7\frac{7}{17}$$

$$7. \quad 5\frac{1}{3} + 2\frac{8}{14} = \frac{16}{3} + \frac{36}{14} = \frac{224}{42} + \frac{108}{42} = \frac{332}{42} = \frac{166}{21} = 7\frac{19}{21}$$

$$8. \quad 5\frac{5}{9} \times 1\frac{1}{4} = \frac{50}{9} \times \frac{5}{4} = \frac{250}{36} = \frac{125}{18} = 6\frac{17}{18}$$

$$9. \quad 5\frac{2}{7} + 1\frac{14}{18} = \frac{37}{7} + \frac{32}{18} = \frac{666}{126} + \frac{224}{126} = \frac{890}{126} = \frac{445}{63} = 7\frac{4}{63}$$

$$10. \quad 5\frac{2}{6} - 4\frac{9}{11} = \frac{32}{6} - \frac{53}{11} = \frac{352}{66} - \frac{318}{66} = \frac{34}{66} = \frac{17}{33}$$