

Operations with Two Mixed Fractions (D)

Name: _____

Date: _____

Score: _____

Calculate each result.

1. $5\frac{1}{4} \div 2\frac{9}{17} =$

2. $5\frac{4}{5} + 2\frac{1}{10} =$

3. $5\frac{1}{8} \div 4\frac{3}{5} =$

4. $5\frac{5}{9} + 1\frac{2}{3} =$

5. $5\frac{1}{2} \div 5\frac{13}{17} =$

6. $5\frac{1}{5} - 1\frac{3}{10} =$

7. $5\frac{1}{2} - 2\frac{1}{2} =$

8. $1\frac{1}{2} \times 5\frac{3}{4} =$

9. $5\frac{2}{7} \times 1\frac{11}{17} =$

10. $5\frac{3}{4} - 4\frac{1}{20} =$

Operations with Two Mixed Fractions (D) Answers

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Calculate each result.

$$1. \quad 5\frac{1}{4} \div 2\frac{9}{17} = \frac{21}{4} \div \frac{43}{17} = \frac{21}{4} \times \frac{17}{43} = \frac{357}{172} = 2\frac{13}{172}$$

$$2. \quad 5\frac{4}{5} + 2\frac{1}{10} = \frac{29}{5} + \frac{21}{10} = \frac{58}{10} + \frac{21}{10} = \frac{79}{10} = 7\frac{9}{10}$$

$$3. \quad 5\frac{1}{8} \div 4\frac{3}{5} = \frac{41}{8} \div \frac{23}{5} = \frac{41}{8} \times \frac{5}{23} = \frac{205}{184} = 1\frac{21}{184}$$

$$4. \quad 5\frac{5}{9} + 1\frac{2}{3} = \frac{50}{9} + \frac{5}{3} = \frac{50}{9} + \frac{15}{9} = \frac{65}{9} = 7\frac{2}{9}$$

$$5. \quad 5\frac{1}{2} \div 5\frac{13}{17} = \frac{11}{2} \div \frac{98}{17} = \frac{11}{2} \times \frac{17}{98} = \frac{187}{196}$$

$$6. \quad 5\frac{1}{5} - 1\frac{3}{10} = \frac{26}{5} - \frac{13}{10} = \frac{52}{10} - \frac{13}{10} = \frac{39}{10} = 3\frac{9}{10}$$

$$7. \quad 5\frac{1}{2} - 2\frac{1}{2} = \frac{11}{2} - \frac{5}{2} = \frac{11}{2} - \frac{5}{2} = \frac{6}{2} = \frac{3}{1} = 3$$

$$8. \quad 1\frac{1}{2} \times 5\frac{3}{4} = \frac{3}{2} \times \frac{23}{4} = \frac{69}{8} = 8\frac{5}{8}$$

$$9. \quad 5\frac{2}{7} \times 1\frac{11}{17} = \frac{37}{7} \times \frac{28}{17} = \frac{1036}{119} = \frac{148}{17} = 8\frac{12}{17}$$

$$10. \quad 5\frac{3}{4} - 4\frac{1}{20} = \frac{23}{4} - \frac{81}{20} = \frac{115}{20} - \frac{81}{20} = \frac{34}{20} = \frac{17}{10} = 1\frac{7}{10}$$