

Operations with Two Mixed Fractions (F)

Name: _____

Date: _____

Score: _____

Calculate each result.

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

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

3. $5\frac{3}{7} + 3\frac{2}{10} =$

4. $1\frac{5}{15} \times 5\frac{2}{5} =$

5. $5\frac{3}{6} \times 1\frac{8}{15} =$

6. $5\frac{3}{8} \times 1\frac{7}{17} =$

7. $5\frac{2}{5} + 2\frac{3}{6} =$

8. $5\frac{2}{3} \div 3\frac{2}{5} =$

9. $1\frac{1}{2} \div 5\frac{2}{6} =$

10. $5\frac{3}{9} + 1\frac{16}{20} =$

Operations with Two Mixed Fractions (F) Answers

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Calculate each result.

$$1. \quad 2\frac{2}{4} \div 5\frac{4}{8} = \frac{10}{4} \div \frac{44}{8} = \frac{10}{4} \times \frac{8}{44} = \frac{80}{176} = \frac{5}{11}$$

$$2. \quad 5\frac{2}{4} - 1\frac{5}{9} = \frac{22}{4} - \frac{14}{9} = \frac{198}{36} - \frac{56}{36} = \frac{142}{36} = \frac{71}{18} = 3\frac{17}{18}$$

$$3. \quad 5\frac{3}{7} + 3\frac{2}{10} = \frac{38}{7} + \frac{32}{10} = \frac{380}{70} + \frac{224}{70} = \frac{604}{70} = \frac{302}{35} = 8\frac{22}{35}$$

$$4. \quad 1\frac{5}{15} \times 5\frac{2}{5} = \frac{20}{15} \times \frac{27}{5} = \frac{540}{75} = \frac{36}{5} = 7\frac{1}{5}$$

$$5. \quad 5\frac{3}{6} \times 1\frac{8}{15} = \frac{33}{6} \times \frac{23}{15} = \frac{759}{90} = \frac{253}{30} = 8\frac{13}{30}$$

$$6. \quad 5\frac{3}{8} \times 1\frac{7}{17} = \frac{43}{8} \times \frac{24}{17} = \frac{1032}{136} = \frac{129}{17} = 7\frac{10}{17}$$

$$7. \quad 5\frac{2}{5} + 2\frac{3}{6} = \frac{27}{5} + \frac{15}{6} = \frac{162}{30} + \frac{75}{30} = \frac{237}{30} = \frac{79}{10} = 7\frac{9}{10}$$

$$8. \quad 5\frac{2}{3} \div 3\frac{2}{5} = \frac{17}{3} \div \frac{17}{5} = \frac{17}{3} \times \frac{5}{17} = \frac{85}{51} = \frac{5}{3} = 1\frac{2}{3}$$

$$9. \quad 1\frac{1}{2} \div 5\frac{2}{6} = \frac{3}{2} \div \frac{32}{6} = \frac{3}{2} \times \frac{6}{32} = \frac{18}{64} = \frac{9}{32}$$

$$10. \quad 5\frac{3}{9} + 1\frac{16}{20} = \frac{48}{9} + \frac{36}{20} = \frac{960}{180} + \frac{324}{180} = \frac{1284}{180} = \frac{107}{15} = 7\frac{2}{15}$$