

Operations with Two Mixed Fractions (F)

Name: _____

Date: _____

Score: _____

Calculate each result.

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

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

3. $5\frac{2}{3} - 5\frac{1}{18} =$

4. $5\frac{3}{7} - 2\frac{3}{14} =$

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

6. $5\frac{1}{4} \times 1\frac{2}{5} =$

7. $2\frac{4}{7} \div 5\frac{1}{2} =$

8. $1\frac{3}{10} \times 5\frac{2}{3} =$

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

10. $5\frac{2}{9} \times 1\frac{4}{7} =$

Operations with Two Mixed Fractions (F) Answers

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Calculate each result.

$$1. \quad 5\frac{1}{2} \div 5\frac{1}{3} = \frac{11}{2} \div \frac{16}{3} = \frac{11}{2} \times \frac{3}{16} = \frac{33}{32} = 1\frac{1}{32}$$

$$2. \quad 5\frac{1}{2} - 5\frac{1}{4} = \frac{11}{2} - \frac{21}{4} = \frac{22}{4} - \frac{21}{4} = \frac{1}{4}$$

$$3. \quad 5\frac{2}{3} - 5\frac{1}{18} = \frac{17}{3} - \frac{91}{18} = \frac{102}{18} - \frac{91}{18} = \frac{11}{18}$$

$$4. \quad 5\frac{3}{7} - 2\frac{3}{14} = \frac{38}{7} - \frac{31}{14} = \frac{76}{14} - \frac{31}{14} = \frac{45}{14} = 3\frac{3}{14}$$

$$5. \quad 5\frac{1}{4} \div 1\frac{3}{5} = \frac{21}{4} \div \frac{8}{5} = \frac{21}{4} \times \frac{5}{8} = \frac{105}{32} = 3\frac{9}{32}$$

$$6. \quad 5\frac{1}{4} \times 1\frac{2}{5} = \frac{21}{4} \times \frac{7}{5} = \frac{147}{20} = 7\frac{7}{20}$$

$$7. \quad 2\frac{4}{7} \div 5\frac{1}{2} = \frac{18}{7} \div \frac{11}{2} = \frac{18}{7} \times \frac{2}{11} = \frac{36}{77}$$

$$8. \quad 1\frac{3}{10} \times 5\frac{2}{3} = \frac{13}{10} \times \frac{17}{3} = \frac{221}{30} = 7\frac{11}{30}$$

$$9. \quad 5\frac{1}{4} + 2\frac{1}{2} = \frac{21}{4} + \frac{5}{2} = \frac{21}{4} + \frac{10}{4} = \frac{31}{4} = 7\frac{3}{4}$$

$$10. \quad 5\frac{2}{9} \times 1\frac{4}{7} = \frac{47}{9} \times \frac{11}{7} = \frac{517}{63} = 8\frac{13}{63}$$