

Operations with Two Mixed Fractions (H)

Name: _____

Date: _____

Score: _____

Calculate each result.

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

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

3. $5\frac{1}{2} \div 3\frac{4}{17} =$

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

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

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

7. $5\frac{3}{4} - 5\frac{1}{3} =$

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

9. $5\frac{2}{3} + 2\frac{5}{6} =$

10. $5\frac{1}{2} - 3\frac{9}{16} =$

Operations with Two Mixed Fractions (H) Answers

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Calculate each result.

$$1. \quad 5\frac{2}{3} \div 5\frac{1}{2} = \frac{17}{3} \div \frac{11}{2} = \frac{17}{3} \times \frac{2}{11} = \frac{34}{33} = 1\frac{1}{33}$$

$$2. \quad 5\frac{1}{2} \div 1\frac{1}{9} = \frac{11}{2} \div \frac{10}{9} = \frac{11}{2} \times \frac{9}{10} = \frac{99}{20} = 4\frac{19}{20}$$

$$3. \quad 5\frac{1}{2} \div 3\frac{4}{17} = \frac{11}{2} \div \frac{55}{17} = \frac{11}{2} \times \frac{17}{55} = \frac{187}{110} = \frac{17}{10} = 1\frac{7}{10}$$

$$4. \quad 1\frac{5}{8} \times 5\frac{1}{2} = \frac{13}{8} \times \frac{11}{2} = \frac{143}{16} = 8\frac{15}{16}$$

$$5. \quad 1\frac{1}{4} \times 5\frac{1}{2} = \frac{5}{4} \times \frac{11}{2} = \frac{55}{8} = 6\frac{7}{8}$$

$$6. \quad 5\frac{1}{2} \times 1\frac{1}{9} = \frac{11}{2} \times \frac{10}{9} = \frac{110}{18} = \frac{55}{9} = 6\frac{1}{9}$$

$$7. \quad 5\frac{3}{4} - 5\frac{1}{3} = \frac{23}{4} - \frac{16}{3} = \frac{69}{12} - \frac{64}{12} = \frac{5}{12}$$

$$8. \quad 5\frac{2}{3} + 2\frac{1}{3} = \frac{17}{3} + \frac{7}{3} = \frac{17}{3} + \frac{7}{3} = \frac{24}{3} = \frac{8}{1} = 8$$

$$9. \quad 5\frac{2}{3} + 2\frac{5}{6} = \frac{17}{3} + \frac{17}{6} = \frac{34}{6} + \frac{17}{6} = \frac{51}{6} = \frac{17}{2} = 8\frac{1}{2}$$

$$10. \quad 5\frac{1}{2} - 3\frac{9}{16} = \frac{11}{2} - \frac{57}{16} = \frac{88}{16} - \frac{57}{16} = \frac{31}{16} = 1\frac{15}{16}$$