

Operations with Two Mixed Fractions (C)

Name: _____

Date: _____

Score: _____

Calculate each result.

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

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

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

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

5. $5\frac{5}{6} \div 4\frac{1}{12} =$

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

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

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

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

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

Operations with Two Mixed Fractions (C) Answers

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Calculate each result.

$$1. \quad 1\frac{1}{2} \times 5\frac{1}{5} = \frac{3}{2} \times \frac{26}{5} = \frac{78}{10} = \frac{39}{5} = 7\frac{4}{5}$$

$$2. \quad 5\frac{1}{10} \div 5\frac{1}{4} = \frac{51}{10} \div \frac{21}{4} = \frac{51}{10} \times \frac{4}{21} = \frac{204}{210} = \frac{34}{35}$$

$$3. \quad 5\frac{1}{3} \div 3\frac{2}{9} = \frac{16}{3} \div \frac{29}{9} = \frac{16}{3} \times \frac{9}{29} = \frac{144}{87} = \frac{48}{29} = 1\frac{19}{29}$$

$$4. \quad 5\frac{1}{2} - 4\frac{1}{2} = \frac{11}{2} - \frac{9}{2} = \frac{2}{2} = 1$$

$$5. \quad 5\frac{5}{6} \div 4\frac{1}{12} = \frac{35}{6} \div \frac{49}{12} = \frac{35}{6} \times \frac{12}{49} = \frac{420}{294} = \frac{10}{7} = 1\frac{3}{7}$$

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

$$7. \quad 5\frac{1}{2} + 2\frac{1}{2} = \frac{11}{2} + \frac{5}{2} = \frac{16}{2} = \frac{8}{1} = 8$$

$$8. \quad 5\frac{2}{3} - 3\frac{2}{3} = \frac{17}{3} - \frac{11}{3} = \frac{6}{3} = \frac{2}{1} = 2$$

$$9. \quad 5\frac{1}{2} - 3\frac{1}{2} = \frac{11}{2} - \frac{7}{2} = \frac{4}{2} = \frac{2}{1} = 2$$

$$10. \quad 5\frac{7}{9} \times 1\frac{1}{10} = \frac{52}{9} \times \frac{11}{10} = \frac{572}{90} = \frac{286}{45} = 6\frac{16}{45}$$