

Operations with Two Mixed Fractions (J)

Name: _____

Date: _____

Score: _____

Calculate each result.

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

2. $5\frac{1}{4} \times 1\frac{6}{11} =$

3. $5\frac{1}{7} \times 1\frac{9}{20} =$

4. $5\frac{3}{6} - 2\frac{10}{17} =$

5. $1\frac{3}{7} \times 5\frac{2}{6} =$

6. $4\frac{12}{14} \div 5\frac{5}{7} =$

7. $4\frac{13}{17} \div 5\frac{1}{3} =$

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

9. $5\frac{2}{4} \div 5\frac{14}{16} =$

10. $5\frac{1}{3} - 2\frac{6}{8} =$

Operations with Two Mixed Fractions (J) Answers

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Calculate each result.

$$1. \quad 5\frac{3}{9} + 1\frac{1}{2} = \frac{48}{9} + \frac{3}{2} = \frac{96}{18} + \frac{27}{18} = \frac{123}{18} = \frac{41}{6} = 6\frac{5}{6}$$

$$2. \quad 5\frac{1}{4} \times 1\frac{6}{11} = \frac{21}{4} \times \frac{17}{11} = \frac{357}{44} = 8\frac{5}{44}$$

$$3. \quad 5\frac{1}{7} \times 1\frac{9}{20} = \frac{36}{7} \times \frac{29}{20} = \frac{1044}{140} = \frac{261}{35} = 7\frac{16}{35}$$

$$4. \quad 5\frac{3}{6} - 2\frac{10}{17} = \frac{33}{6} - \frac{44}{17} = \frac{561}{102} - \frac{264}{102} = \frac{297}{102} = \frac{99}{34} = 2\frac{31}{34}$$

$$5. \quad 1\frac{3}{7} \times 5\frac{2}{6} = \frac{10}{7} \times \frac{32}{6} = \frac{320}{42} = \frac{160}{21} = 7\frac{13}{21}$$

$$6. \quad 4\frac{12}{14} \div 5\frac{5}{7} = \frac{68}{14} \div \frac{40}{7} = \frac{68}{14} \times \frac{7}{40} = \frac{476}{560} = \frac{17}{20}$$

$$7. \quad 4\frac{13}{17} \div 5\frac{1}{3} = \frac{81}{17} \div \frac{16}{3} = \frac{81}{17} \times \frac{3}{16} = \frac{243}{272}$$

$$8. \quad 5\frac{1}{2} - 2\frac{1}{3} = \frac{11}{2} - \frac{7}{3} = \frac{33}{6} - \frac{14}{6} = \frac{19}{6} = 3\frac{1}{6}$$

$$9. \quad 5\frac{2}{4} \div 5\frac{14}{16} = \frac{22}{4} \div \frac{94}{16} = \frac{22}{4} \times \frac{16}{94} = \frac{352}{376} = \frac{44}{47}$$

$$10. \quad 5\frac{1}{3} - 2\frac{6}{8} = \frac{16}{3} - \frac{22}{8} = \frac{128}{24} - \frac{66}{24} = \frac{62}{24} = \frac{31}{12} = 2\frac{7}{12}$$