

Operations with Two Mixed Fractions (J)

Name: _____

Date: _____

Score: _____

Calculate each result.

1. $2\frac{2}{14} \div 5\frac{6}{7} = \underline{\quad} \div \underline{\quad} = \underline{\quad} \times \underline{\quad} = \underline{\quad} = \underline{\quad}$

2. $5\frac{1}{6} \div 2\frac{11}{14} = \underline{\quad} \div \underline{\quad} = \underline{\quad} \times \underline{\quad} = \underline{\quad} = \underline{\quad} = \underline{\quad}$

3. $5\frac{2}{9} + 2\frac{14}{20} = \underline{\quad} + \underline{\quad} = \underline{\quad} + \underline{\quad} = \underline{\quad} = \underline{\quad} = \underline{\quad}$

4. $1\frac{9}{16} \times 5\frac{2}{6} = \underline{\quad} \times \underline{\quad} = \underline{\quad} = \underline{\quad} = \underline{\quad}$

5. $5\frac{1}{8} \div 5\frac{1}{4} = \underline{\quad} \div \underline{\quad} = \underline{\quad} \times \underline{\quad} = \underline{\quad} = \underline{\quad}$

6. $5\frac{4}{5} - 4\frac{5}{9} = \underline{\quad} - \underline{\quad} = \underline{\quad} - \underline{\quad} = \underline{\quad} = \underline{\quad}$

7. $5\frac{4}{7} - 3\frac{15}{19} = \underline{\quad} - \underline{\quad} = \underline{\quad} - \underline{\quad} = \underline{\quad} = \underline{\quad}$

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

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

10. $5\frac{2}{7} + 2\frac{17}{19} = \underline{\quad} + \underline{\quad} = \underline{\quad} + \underline{\quad} = \underline{\quad} = \underline{\quad}$

Operations with Two Mixed Fractions (J) Answers

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Calculate each result.

$$1. \quad 2\frac{2}{14} \div 5\frac{6}{7} = \frac{30}{14} \div \frac{41}{7} = \frac{30}{14} \times \frac{7}{41} = \frac{210}{574} = \frac{15}{41}$$

$$2. \quad 5\frac{1}{6} \div 2\frac{11}{14} = \frac{31}{6} \div \frac{39}{14} = \frac{31}{6} \times \frac{14}{39} = \frac{434}{234} = \frac{217}{117} = 1\frac{100}{117}$$

$$3. \quad 5\frac{2}{9} + 2\frac{14}{20} = \frac{47}{9} + \frac{54}{20} = \frac{940}{180} + \frac{486}{180} = \frac{1426}{180} = \frac{713}{90} = 7\frac{83}{90}$$

$$4. \quad 1\frac{9}{16} \times 5\frac{2}{6} = \frac{25}{16} \times \frac{32}{6} = \frac{800}{96} = \frac{25}{3} = 8\frac{1}{3}$$

$$5. \quad 5\frac{1}{8} \div 5\frac{1}{4} = \frac{41}{8} \div \frac{21}{4} = \frac{41}{8} \times \frac{4}{21} = \frac{164}{168} = \frac{41}{42}$$

$$6. \quad 5\frac{4}{5} - 4\frac{5}{9} = \frac{29}{5} - \frac{41}{9} = \frac{261}{45} - \frac{205}{45} = \frac{56}{45} = 1\frac{11}{45}$$

$$7. \quad 5\frac{4}{7} - 3\frac{15}{19} = \frac{39}{7} - \frac{72}{19} = \frac{741}{133} - \frac{504}{133} = \frac{237}{133} = 1\frac{104}{133}$$

$$8. \quad 5\frac{5}{7} + 2\frac{1}{3} = \frac{40}{7} + \frac{7}{3} = \frac{120}{21} + \frac{49}{21} = \frac{169}{21} = 8\frac{1}{21}$$

$$9. \quad 1\frac{1}{2} \times 5\frac{1}{6} = \frac{3}{2} \times \frac{31}{6} = \frac{93}{12} = \frac{31}{4} = 7\frac{3}{4}$$

$$10. \quad 5\frac{2}{7} + 2\frac{17}{19} = \frac{37}{7} + \frac{55}{19} = \frac{703}{133} + \frac{385}{133} = \frac{1088}{133} = 8\frac{24}{133}$$