

Operations with Two Mixed Fractions (A)

Name: _____

Date: _____

Score: _____

Calculate each result.

1. $5\frac{1}{9} + 1\frac{4}{16} = \underline{\quad} + \underline{\quad} = \underline{\quad} + \underline{\quad} = \underline{\quad} = \underline{\quad} = \underline{\quad}$
Convert ↑ Denominator Solve Simplify Convert ↓

2. $5\frac{2}{8} + 2\frac{3}{15} = \underline{\quad} + \underline{\quad} = \underline{\quad} + \underline{\quad} = \underline{\quad} = \underline{\quad} = \underline{\quad}$

3. $5\frac{2}{7} + 3\frac{4}{12} = \underline{\quad} + \underline{\quad} = \underline{\quad} + \underline{\quad} = \underline{\quad} = \underline{\quad} = \underline{\quad}$

4. $5\frac{2}{6} \times 1\frac{7}{18} = \underline{\quad} \times \underline{\quad} = \underline{\quad} = \underline{\quad} = \underline{\quad}$

5. $5\frac{4}{6} \div 3\frac{7}{15} = \underline{\quad} \div \underline{\quad} = \underline{\quad} \times \underline{\quad} = \underline{\quad} = \underline{\quad} = \underline{\quad}$

6. $1\frac{11}{19} \times 5\frac{2}{3} = \underline{\quad} \times \underline{\quad} = \underline{\quad} = \underline{\quad} = \underline{\quad}$

7. $5\frac{1}{2} \div 2\frac{5}{10} = \underline{\quad} \div \underline{\quad} = \underline{\quad} \times \underline{\quad} = \underline{\quad} = \underline{\quad} = \underline{\quad}$

8. $5\frac{3}{7} \times 1\frac{4}{10} = \underline{\quad} \times \underline{\quad} = \underline{\quad} = \underline{\quad} = \underline{\quad}$

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

10. $5\frac{1}{12} \div 5\frac{2}{3} = \underline{\quad} \div \underline{\quad} = \underline{\quad} \times \underline{\quad} = \underline{\quad} = \underline{\quad}$

Operations with Two Mixed Fractions (A) Answers

Name: _____

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Score: _____

Calculate each result.

$$1. \quad 5\frac{1}{9} + 1\frac{4}{16} = \frac{46}{9} + \frac{20}{16} = \frac{736}{144} + \frac{180}{144} = \frac{916}{144} = \frac{229}{36} = 6\frac{13}{36}$$

$$2. \quad 5\frac{2}{8} + 2\frac{3}{15} = \frac{42}{8} + \frac{33}{15} = \frac{630}{120} + \frac{264}{120} = \frac{894}{120} = \frac{149}{20} = 7\frac{9}{20}$$

$$3. \quad 5\frac{2}{7} + 3\frac{4}{12} = \frac{37}{7} + \frac{40}{12} = \frac{444}{84} + \frac{280}{84} = \frac{724}{84} = \frac{181}{21} = 8\frac{13}{21}$$

$$4. \quad 5\frac{2}{6} \times 1\frac{7}{18} = \frac{32}{6} \times \frac{25}{18} = \frac{800}{108} = \frac{200}{27} = 7\frac{11}{27}$$

$$5. \quad 5\frac{4}{6} \div 3\frac{7}{15} = \frac{34}{6} \div \frac{52}{15} = \frac{34}{6} \times \frac{15}{52} = \frac{510}{312} = \frac{85}{52} = 1\frac{33}{52}$$

$$6. \quad 1\frac{11}{19} \times 5\frac{2}{3} = \frac{30}{19} \times \frac{17}{3} = \frac{510}{57} = \frac{170}{19} = 8\frac{18}{19}$$

$$7. \quad 5\frac{1}{2} \div 2\frac{5}{10} = \frac{11}{2} \div \frac{25}{10} = \frac{11}{2} \times \frac{10}{25} = \frac{110}{50} = \frac{11}{5} = 2\frac{1}{5}$$

$$8. \quad 5\frac{3}{7} \times 1\frac{4}{10} = \frac{38}{7} \times \frac{14}{10} = \frac{532}{70} = \frac{38}{5} = 7\frac{3}{5}$$

$$9. \quad 5\frac{2}{4} - 5\frac{2}{9} = \frac{22}{4} - \frac{47}{9} = \frac{198}{36} - \frac{188}{36} = \frac{10}{36} = \frac{5}{18}$$

$$10. \quad 5\frac{1}{12} \div 5\frac{2}{3} = \frac{61}{12} \div \frac{17}{3} = \frac{61}{12} \times \frac{3}{17} = \frac{183}{204} = \frac{61}{68}$$