

Operations with Two Mixed Fractions (I)

Name: _____

Date: _____

Score: _____

Calculate each result.

1. $5\frac{1}{2} + 2\frac{5}{6} =$

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

3. $5\frac{5}{7} \div 5\frac{7}{9} =$

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

5. $5\frac{1}{6} - 1\frac{5}{6} =$

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

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

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

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

10. $1\frac{1}{2} \times 5\frac{3}{5} =$

Operations with Two Mixed Fractions (I) Answers

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Calculate each result.

$$1. \quad 5\frac{1}{2} + 2\frac{5}{6} = \frac{11}{2} + \frac{17}{6} = \frac{50}{6} = \frac{25}{3} = 8\frac{1}{3}$$

$$2. \quad 5\frac{4}{5} \times 1\frac{3}{17} = \frac{29}{5} \times \frac{20}{17} = \frac{580}{85} = \frac{116}{17} = 6\frac{14}{17}$$

$$3. \quad 5\frac{5}{7} \div 5\frac{7}{9} = \frac{40}{7} \div \frac{52}{9} = \frac{40}{7} \times \frac{9}{52} = \frac{360}{364} = \frac{90}{91}$$

$$4. \quad 5\frac{3}{8} \times 1\frac{1}{7} = \frac{43}{8} \times \frac{8}{7} = \frac{344}{56} = \frac{43}{7} = 6\frac{1}{7}$$

$$5. \quad 5\frac{1}{6} - 1\frac{5}{6} = \frac{31}{6} - \frac{11}{6} = \frac{20}{6} = \frac{10}{3} = 3\frac{1}{3}$$

$$6. \quad 5\frac{1}{4} \div 1\frac{4}{11} = \frac{21}{4} \div \frac{15}{11} = \frac{21}{4} \times \frac{11}{15} = \frac{231}{60} = \frac{77}{20} = 3\frac{17}{20}$$

$$7. \quad 5\frac{1}{2} - 1\frac{1}{2} = \frac{11}{2} - \frac{3}{2} = \frac{8}{2} = \frac{4}{1} = 4$$

$$8. \quad 5\frac{1}{2} + 1\frac{1}{2} = \frac{11}{2} + \frac{3}{2} = \frac{14}{2} = \frac{7}{1} = 7$$

$$9. \quad 5\frac{2}{3} + 1\frac{1}{3} = \frac{17}{3} + \frac{4}{3} = \frac{21}{3} = \frac{7}{1} = 7$$

$$10. \quad 1\frac{1}{2} \times 5\frac{3}{5} = \frac{3}{2} \times \frac{28}{5} = \frac{84}{10} = \frac{42}{5} = 8\frac{2}{5}$$