

Operations with Two Mixed Fractions (I)

Name: _____

Date: _____

Score: _____

Calculate each result.

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

2. $5\frac{6}{7} - 5\frac{11}{17} =$

3. $5\frac{3}{5} + 2\frac{1}{16} =$

4. $5\frac{1}{6} \times 1\frac{3}{8} =$

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

6. $5\frac{1}{3} + 2\frac{14}{19} =$

7. $5\frac{1}{2} + 1\frac{2}{19} =$

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

9. $5\frac{5}{6} - 3\frac{17}{19} =$

10. $5\frac{3}{7} \div 3\frac{1}{2} =$

Operations with Two Mixed Fractions (I) Answers

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Calculate each result.

$$1. \quad 5\frac{1}{3} \times 1\frac{3}{5} = \frac{16}{3} \times \frac{8}{5} = \frac{128}{15} = 8\frac{8}{15}$$

$$2. \quad 5\frac{6}{7} - 5\frac{11}{17} = \frac{41}{7} - \frac{96}{17} = \frac{697}{119} - \frac{672}{119} = \frac{25}{119}$$

$$3. \quad 5\frac{3}{5} + 2\frac{1}{16} = \frac{28}{5} + \frac{33}{16} = \frac{448}{80} + \frac{165}{80} = \frac{613}{80} = 7\frac{53}{80}$$

$$4. \quad 5\frac{1}{6} \times 1\frac{3}{8} = \frac{31}{6} \times \frac{11}{8} = \frac{341}{48} = 7\frac{5}{48}$$

$$5. \quad 1\frac{1}{4} \times 5\frac{1}{2} = \frac{5}{4} \times \frac{11}{2} = \frac{55}{8} = 6\frac{7}{8}$$

$$6. \quad 5\frac{1}{3} + 2\frac{14}{19} = \frac{16}{3} + \frac{52}{19} = \frac{304}{57} + \frac{156}{57} = \frac{460}{57} = 8\frac{4}{57}$$

$$7. \quad 5\frac{1}{2} + 1\frac{2}{19} = \frac{11}{2} + \frac{21}{19} = \frac{209}{38} + \frac{42}{38} = \frac{251}{38} = 6\frac{23}{38}$$

$$8. \quad 5\frac{1}{2} - 1\frac{6}{11} = \frac{11}{2} - \frac{17}{11} = \frac{121}{22} - \frac{34}{22} = \frac{87}{22} = 3\frac{21}{22}$$

$$9. \quad 5\frac{5}{6} - 3\frac{17}{19} = \frac{35}{6} - \frac{74}{19} = \frac{665}{114} - \frac{444}{114} = \frac{221}{114} = 1\frac{107}{114}$$

$$10. \quad 5\frac{3}{7} \div 3\frac{1}{2} = \frac{38}{7} \div \frac{7}{2} = \frac{38}{7} \times \frac{2}{7} = \frac{76}{49} = 1\frac{27}{49}$$