

Operations with Two Mixed Fractions (D)

Name: _____

Date: _____

Score: _____

Calculate each result.

1. $5\frac{3}{7} - 3\frac{5}{18} =$

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

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

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

5. $5\frac{7}{13} \div 5\frac{1}{2} =$

6. $5\frac{1}{3} + 3\frac{8}{13} =$

7. $5\frac{1}{9} + 2\frac{15}{17} =$

8. $5\frac{2}{5} \times 1\frac{1}{7} =$

9. $5\frac{1}{3} - 4\frac{3}{5} =$

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

Operations with Two Mixed Fractions (D) Answers

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Calculate each result.

$$1. \quad 5\frac{3}{7} - 3\frac{5}{18} = \frac{38}{7} - \frac{59}{18} = \frac{684}{126} - \frac{413}{126} = \frac{271}{126} = 2\frac{19}{126}$$

$$2. \quad 1\frac{1}{2} \times 5\frac{1}{4} = \frac{3}{2} \times \frac{21}{4} = \frac{63}{8} = 7\frac{7}{8}$$

$$3. \quad 5\frac{1}{3} + 1\frac{1}{2} = \frac{16}{3} + \frac{3}{2} = \frac{32}{6} + \frac{9}{6} = \frac{41}{6} = 6\frac{5}{6}$$

$$4. \quad 5\frac{6}{7} \div 4\frac{7}{12} = \frac{41}{7} \div \frac{55}{12} = \frac{41}{7} \times \frac{12}{55} = \frac{492}{385} = 1\frac{107}{385}$$

$$5. \quad 5\frac{7}{13} \div 5\frac{1}{2} = \frac{72}{13} \div \frac{11}{2} = \frac{72}{13} \times \frac{2}{11} = \frac{144}{143} = 1\frac{1}{143}$$

$$6. \quad 5\frac{1}{3} + 3\frac{8}{13} = \frac{16}{3} + \frac{47}{13} = \frac{208}{39} + \frac{141}{39} = \frac{349}{39} = 8\frac{37}{39}$$

$$7. \quad 5\frac{1}{9} + 2\frac{15}{17} = \frac{46}{9} + \frac{49}{17} = \frac{782}{153} + \frac{441}{153} = \frac{1223}{153} = 7\frac{152}{153}$$

$$8. \quad 5\frac{2}{5} \times 1\frac{1}{7} = \frac{27}{5} \times \frac{8}{7} = \frac{216}{35} = 6\frac{6}{35}$$

$$9. \quad 5\frac{1}{3} - 4\frac{3}{5} = \frac{16}{3} - \frac{23}{5} = \frac{80}{15} - \frac{69}{15} = \frac{11}{15}$$

$$10. \quad 1\frac{3}{8} \times 5\frac{1}{2} = \frac{11}{8} \times \frac{11}{2} = \frac{121}{16} = 7\frac{9}{16}$$