

Operations with Two Mixed Fractions (D)

Name: _____

Date: _____

Score: _____

Calculate each result.

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

2. $5\frac{8}{9} \div 1\frac{3}{4} =$

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

4. $5\frac{6}{7} + 1\frac{4}{7} =$

5. $5\frac{2}{3} - 3\frac{2}{9} =$

6. $5\frac{4}{7} - 2\frac{4}{7} =$

7. $5\frac{1}{7} + 1\frac{6}{7} =$

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

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

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

Operations with Two Mixed Fractions (D) Answers

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Calculate each result.

$$1. \quad 5\frac{1}{3} \div 3\frac{7}{8} = \frac{16}{3} \div \frac{31}{8} = \frac{16}{3} \times \frac{8}{31} = \frac{128}{93} = 1\frac{35}{93}$$

$$2. \quad 5\frac{8}{9} \div 1\frac{3}{4} = \frac{53}{9} \div \frac{7}{4} = \frac{53}{9} \times \frac{4}{7} = \frac{212}{63} = 3\frac{23}{63}$$

$$3. \quad 5\frac{1}{8} \div 4\frac{5}{6} = \frac{41}{8} \div \frac{29}{6} = \frac{41}{8} \times \frac{6}{29} = \frac{246}{232} = \frac{123}{116} = 1\frac{7}{116}$$

$$4. \quad 5\frac{6}{7} + 1\frac{4}{7} = \frac{41}{7} + \frac{11}{7} = \frac{52}{7} = 7\frac{3}{7}$$

$$5. \quad 5\frac{2}{3} - 3\frac{2}{9} = \frac{17}{3} - \frac{29}{9} = \frac{22}{9} = 2\frac{4}{9}$$

$$6. \quad 5\frac{4}{7} - 2\frac{4}{7} = \frac{39}{7} - \frac{18}{7} = \frac{21}{7} = \frac{3}{1} = 3$$

$$7. \quad 5\frac{1}{7} + 1\frac{6}{7} = \frac{36}{7} + \frac{13}{7} = \frac{49}{7} = \frac{7}{1} = 7$$

$$8. \quad 5\frac{1}{3} - 4\frac{1}{6} = \frac{16}{3} - \frac{25}{6} = \frac{7}{6} = 1\frac{1}{6}$$

$$9. \quad 5\frac{1}{3} + 1\frac{1}{3} = \frac{16}{3} + \frac{4}{3} = \frac{20}{3} = 6\frac{2}{3}$$

$$10. \quad 5\frac{1}{3} \times 1\frac{4}{7} = \frac{16}{3} \times \frac{11}{7} = \frac{176}{21} = 8\frac{8}{21}$$