

Opérations avec deux fractions mixtes (E)

Nom: _____

Date: _____

Note: _____

Calculez chaque résultat.

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

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

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

4. $5\frac{1}{6} + 2\frac{1}{3} =$

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

6. $5\frac{3}{7} \times 1\frac{5}{12} =$

7. $5\frac{5}{9} \div 1\frac{1}{3} =$

8. $5\frac{9}{10} - 5\frac{2}{5} =$

9. $5\frac{1}{4} - 2\frac{1}{4} =$

10. $5\frac{2}{3} \times 1\frac{2}{19} =$

Opérations avec deux fractions mixtes (E) Réponses

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Calculez chaque résultat.

$$1. \quad 5\frac{1}{2} + 3\frac{1}{6} = \frac{11}{2} + \frac{19}{6} = \frac{33}{6} + \frac{19}{6} = \frac{52}{6} = \frac{26}{3} = 8\frac{2}{3}$$

$$2. \quad 2\frac{8}{9} \div 5\frac{2}{3} = \frac{26}{9} \div \frac{17}{3} = \frac{26}{9} \times \frac{3}{17} = \frac{78}{153} = \frac{26}{51}$$

$$3. \quad 5\frac{1}{6} + 2\frac{1}{2} = \frac{31}{6} + \frac{5}{2} = \frac{31}{6} + \frac{15}{6} = \frac{46}{6} = \frac{23}{3} = 7\frac{2}{3}$$

$$4. \quad 5\frac{1}{6} + 2\frac{1}{3} = \frac{31}{6} + \frac{7}{3} = \frac{31}{6} + \frac{14}{6} = \frac{45}{6} = \frac{15}{2} = 7\frac{1}{2}$$

$$5. \quad 5\frac{3}{4} \div 5\frac{1}{6} = \frac{23}{4} \div \frac{31}{6} = \frac{23}{4} \times \frac{6}{31} = \frac{138}{124} = \frac{69}{62} = 1\frac{7}{62}$$

$$6. \quad 5\frac{3}{7} \times 1\frac{5}{12} = \frac{38}{7} \times \frac{17}{12} = \frac{646}{84} = \frac{323}{42} = 7\frac{29}{42}$$

$$7. \quad 5\frac{5}{9} \div 1\frac{1}{3} = \frac{50}{9} \div \frac{4}{3} = \frac{50}{9} \times \frac{3}{4} = \frac{150}{36} = \frac{25}{6} = 4\frac{1}{6}$$

$$8. \quad 5\frac{9}{10} - 5\frac{2}{5} = \frac{59}{10} - \frac{27}{5} = \frac{59}{10} - \frac{54}{10} = \frac{5}{10} = \frac{1}{2}$$

$$9. \quad 5\frac{1}{4} - 2\frac{1}{4} = \frac{21}{4} - \frac{9}{4} = \frac{21}{4} - \frac{9}{4} = \frac{12}{4} = \frac{3}{1} = 3$$

$$10. \quad 5\frac{2}{3} \times 1\frac{2}{19} = \frac{17}{3} \times \frac{21}{19} = \frac{357}{57} = \frac{119}{19} = 6\frac{5}{19}$$