

Opérations avec deux fractions mixtes (J)

Nom: _____

Date: _____

Note: _____

Calculez chaque résultat.

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

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

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

4. $5\frac{1}{3} \div 3\frac{3}{16} =$

5. $5\frac{2}{5} - 1\frac{19}{20} =$

6. $1\frac{5}{19} \div 5\frac{1}{6} =$

7. $5\frac{2}{3} + 2\frac{7}{9} =$

8. $1\frac{3}{7} \times 5\frac{5}{9} =$

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

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

Opérations avec deux fractions mixtes (J) Réponses

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Calculez chaque résultat.

$$1. \quad 5\frac{5}{7} + 2\frac{1}{2} = \frac{40}{7} + \frac{5}{2} = \frac{80}{14} + \frac{35}{14} = \frac{115}{14} = 8\frac{3}{14}$$

$$2. \quad 5\frac{1}{2} + 3\frac{1}{3} = \frac{11}{2} + \frac{10}{3} = \frac{33}{6} + \frac{20}{6} = \frac{53}{6} = 8\frac{5}{6}$$

$$3. \quad 5\frac{1}{2} \times 1\frac{1}{2} = \frac{11}{2} \times \frac{3}{2} = \frac{33}{4} = 8\frac{1}{4}$$

$$4. \quad 5\frac{1}{3} \div 3\frac{3}{16} = \frac{16}{3} \div \frac{51}{16} = \frac{16}{3} \times \frac{16}{51} = \frac{256}{153} = 1\frac{103}{153}$$

$$5. \quad 5\frac{2}{5} - 1\frac{19}{20} = \frac{27}{5} - \frac{39}{20} = \frac{108}{20} - \frac{39}{20} = \frac{69}{20} = 3\frac{9}{20}$$

$$6. \quad 1\frac{5}{19} \div 5\frac{1}{6} = \frac{24}{19} \div \frac{31}{6} = \frac{24}{19} \times \frac{6}{31} = \frac{144}{589}$$

$$7. \quad 5\frac{2}{3} + 2\frac{7}{9} = \frac{17}{3} + \frac{25}{9} = \frac{51}{9} + \frac{25}{9} = \frac{76}{9} = 8\frac{4}{9}$$

$$8. \quad 1\frac{3}{7} \times 5\frac{5}{9} = \frac{10}{7} \times \frac{50}{9} = \frac{500}{63} = 7\frac{59}{63}$$

$$9. \quad 1\frac{1}{2} \times 5\frac{3}{4} = \frac{3}{2} \times \frac{23}{4} = \frac{69}{8} = 8\frac{5}{8}$$

$$10. \quad 5\frac{2}{3} \div 5\frac{3}{10} = \frac{17}{3} \div \frac{53}{10} = \frac{17}{3} \times \frac{10}{53} = \frac{170}{159} = 1\frac{11}{159}$$