

Opérations avec deux fractions mixtes (A)

Nom: _____

Date: _____

Note: _____

Calculez chaque résultat.

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

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

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

4. $5\frac{3}{4} \times 1\frac{2}{13} =$

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

6. $5\frac{2}{3} + 3\frac{3}{11} =$

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

8. $3\frac{2}{5} \div 5\frac{5}{7} =$

9. $5\frac{1}{3} + 3\frac{6}{11} =$

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

Opérations avec deux fractions mixtes (A) Réponses

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Calculez chaque résultat.

$$1. \quad 5\frac{5}{7} + 2\frac{5}{13} = \frac{40}{7} + \frac{31}{13} = \frac{520}{91} + \frac{217}{91} = \frac{737}{91} = 8\frac{9}{91}$$

$$2. \quad 4\frac{1}{2} \div 5\frac{1}{3} = \frac{9}{2} \div \frac{16}{3} = \frac{9}{2} \times \frac{3}{16} = \frac{27}{32}$$

$$3. \quad 5\frac{3}{8} \div 2\frac{2}{3} = \frac{43}{8} \div \frac{8}{3} = \frac{43}{8} \times \frac{3}{8} = \frac{129}{64} = 2\frac{1}{64}$$

$$4. \quad 5\frac{3}{4} \times 1\frac{2}{13} = \frac{23}{4} \times \frac{15}{13} = \frac{345}{52} = 6\frac{33}{52}$$

$$5. \quad 1\frac{1}{6} \times 5\frac{3}{4} = \frac{7}{6} \times \frac{23}{4} = \frac{161}{24} = 6\frac{17}{24}$$

$$6. \quad 5\frac{2}{3} + 3\frac{3}{11} = \frac{17}{3} + \frac{36}{11} = \frac{187}{33} + \frac{108}{33} = \frac{295}{33} = 8\frac{31}{33}$$

$$7. \quad 1\frac{1}{3} \times 5\frac{1}{3} = \frac{4}{3} \times \frac{16}{3} = \frac{64}{9} = 7\frac{1}{9}$$

$$8. \quad 3\frac{2}{5} \div 5\frac{5}{7} = \frac{17}{5} \div \frac{40}{7} = \frac{17}{5} \times \frac{7}{40} = \frac{119}{200}$$

$$9. \quad 5\frac{1}{3} + 3\frac{6}{11} = \frac{16}{3} + \frac{39}{11} = \frac{176}{33} + \frac{117}{33} = \frac{293}{33} = 8\frac{29}{33}$$

$$10. \quad 5\frac{1}{3} - 2\frac{5}{7} = \frac{16}{3} - \frac{19}{7} = \frac{112}{21} - \frac{57}{21} = \frac{55}{21} = 2\frac{13}{21}$$