

Opérations avec deux fractions mixtes (A)

Nom: _____

Date: _____

Note: _____

Calculez chaque résultat.

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

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

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

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

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

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

7. $3\frac{7}{8} \div 5\frac{1}{6} =$

8. $5\frac{1}{6} - 3\frac{1}{2} =$

9. $5\frac{6}{7} + 1\frac{1}{7} =$

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

Opérations avec deux fractions mixtes (A) Réponses

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Calculez chaque résultat.

$$1. \quad 3\frac{1}{2} \div 5\frac{5}{6} = \frac{7}{2} \div \frac{35}{6} = \frac{7}{2} \times \frac{6}{35} = \frac{42}{70} = \frac{3}{5}$$

$$2. \quad 5\frac{1}{2} - 2\frac{1}{2} = \frac{11}{2} - \frac{5}{2} = \frac{6}{2} = \frac{3}{1} = 3$$

$$3. \quad 5\frac{1}{6} - 1\frac{1}{2} = \frac{31}{6} - \frac{3}{2} = \frac{22}{6} = \frac{11}{3} = 3\frac{2}{3}$$

$$4. \quad 5\frac{1}{4} + 1\frac{1}{4} = \frac{21}{4} + \frac{5}{4} = \frac{26}{4} = \frac{13}{2} = 6\frac{1}{2}$$

$$5. \quad 5\frac{1}{2} + 2\frac{1}{2} = \frac{11}{2} + \frac{5}{2} = \frac{16}{2} = \frac{8}{1} = 8$$

$$6. \quad 5\frac{3}{5} \div 3\frac{1}{2} = \frac{28}{5} \div \frac{7}{2} = \frac{28}{5} \times \frac{2}{7} = \frac{56}{35} = \frac{8}{5} = 1\frac{3}{5}$$

$$7. \quad 3\frac{7}{8} \div 5\frac{1}{6} = \frac{31}{8} \div \frac{31}{6} = \frac{31}{8} \times \frac{6}{31} = \frac{186}{248} = \frac{3}{4}$$

$$8. \quad 5\frac{1}{6} - 3\frac{1}{2} = \frac{31}{6} - \frac{7}{2} = \frac{10}{6} = \frac{5}{3} = 1\frac{2}{3}$$

$$9. \quad 5\frac{6}{7} + 1\frac{1}{7} = \frac{41}{7} + \frac{8}{7} = \frac{49}{7} = \frac{7}{1} = 7$$

$$10. \quad 1\frac{3}{5} \times 5\frac{1}{8} = \frac{8}{5} \times \frac{41}{8} = \frac{328}{40} = \frac{41}{5} = 8\frac{1}{5}$$