

Opérations avec deux fractions mixtes (G)

Nom: _____

Date: _____

Note: _____

Calculez chaque résultat.

1. $5\frac{6}{7} - 2\frac{11}{14} = \text{---} - \text{---} = \text{---} - \text{---} = \text{---} = \text{---}$

2. $1\frac{6}{19} \div 5\frac{2}{6} = \text{---} \div \text{---} = \text{---} \times \text{---} = \text{---} = \text{---}$

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

4. $1\frac{9}{17} \times 5\frac{1}{3} = \text{---} \times \text{---} = \text{---} = \text{---}$

5. $5\frac{7}{9} \times 1\frac{5}{11} = \text{---} \times \text{---} = \text{---} = \text{---}$

6. $5\frac{1}{3} - 3\frac{3}{15} = \text{---} - \text{---} = \text{---} - \text{---} = \text{---} = \text{---}$

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

8. $5\frac{2}{7} + 1\frac{7}{14} = \text{---} + \text{---} = \text{---} + \text{---} = \text{---} = \text{---}$

9. $5\frac{3}{6} \div 1\frac{3}{7} = \text{---} \div \text{---} = \text{---} \times \text{---} = \text{---} = \text{---} = \text{---}$

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

Opérations avec deux fractions mixtes (G) Réponses

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Calculez chaque résultat.

$$1. \quad 5\frac{6}{7} - 2\frac{11}{14} = \frac{41}{7} - \frac{39}{14} = \frac{82}{14} - \frac{39}{14} = \frac{43}{14} = 3\frac{1}{14}$$

$$2. \quad 1\frac{6}{19} \div 5\frac{2}{6} = \frac{25}{19} \div \frac{32}{6} = \frac{25}{19} \times \frac{6}{32} = \frac{150}{608} = \frac{75}{304}$$

$$3. \quad 5\frac{4}{6} + 1\frac{1}{2} = \frac{34}{6} + \frac{3}{2} = \frac{34}{6} + \frac{9}{6} = \frac{43}{6} = 7\frac{1}{6}$$

$$4. \quad 1\frac{9}{17} \times 5\frac{1}{3} = \frac{26}{17} \times \frac{16}{3} = \frac{416}{51} = 8\frac{8}{51}$$

$$5. \quad 5\frac{7}{9} \times 1\frac{5}{11} = \frac{52}{9} \times \frac{16}{11} = \frac{832}{99} = 8\frac{40}{99}$$

$$6. \quad 5\frac{1}{3} - 3\frac{3}{15} = \frac{16}{3} - \frac{48}{15} = \frac{80}{15} - \frac{48}{15} = \frac{32}{15} = 2\frac{2}{15}$$

$$7. \quad 5\frac{2}{5} - 1\frac{3}{10} = \frac{27}{5} - \frac{13}{10} = \frac{54}{10} - \frac{13}{10} = \frac{41}{10} = 4\frac{1}{10}$$

$$8. \quad 5\frac{2}{7} + 1\frac{7}{14} = \frac{37}{7} + \frac{21}{14} = \frac{74}{14} + \frac{21}{14} = \frac{95}{14} = 6\frac{11}{14}$$

$$9. \quad 5\frac{3}{6} \div 1\frac{3}{7} = \frac{33}{6} \div \frac{10}{7} = \frac{33}{6} \times \frac{7}{10} = \frac{231}{60} = \frac{77}{20} = 3\frac{17}{20}$$

$$10. \quad 1\frac{1}{3} \times 5\frac{1}{5} = \frac{4}{3} \times \frac{26}{5} = \frac{104}{15} = 6\frac{14}{15}$$