

# Opérations avec deux fractions mixtes (A)

Nom: \_\_\_\_\_

Date: \_\_\_\_\_

Note: \_\_\_\_\_

Calculez chaque résultat.

$$1. \quad 5\frac{1}{9} + 1\frac{4}{16} = \text{---} + \text{---} = \text{---} + \text{---} = \text{---} = \text{---} = \text{---}$$

Convert ↑                      Denominator                      Solve                      Simplify                      Convert ↓

$$2. \quad 5\frac{2}{8} + 2\frac{3}{15} = \text{---} + \text{---} = \text{---} + \text{---} = \text{---} = \text{---} = \text{---}$$

$$3. \quad 5\frac{2}{7} + 3\frac{4}{12} = \text{---} + \text{---} = \text{---} + \text{---} = \text{---} = \text{---} = \text{---}$$

$$4. \quad 5\frac{2}{6} \times 1\frac{7}{18} = \text{---} \times \text{---} = \text{---} = \text{---} = \text{---}$$

$$5. \quad 5\frac{4}{6} \div 3\frac{7}{15} = \text{---} \div \text{---} = \text{---} \times \text{---} = \text{---} = \text{---} = \text{---}$$

$$6. \quad 1\frac{11}{19} \times 5\frac{2}{3} = \text{---} \times \text{---} = \text{---} = \text{---} = \text{---}$$

$$7. \quad 5\frac{1}{2} \div 2\frac{5}{10} = \text{---} \div \text{---} = \text{---} \times \text{---} = \text{---} = \text{---} = \text{---}$$

$$8. \quad 5\frac{3}{7} \times 1\frac{4}{10} = \text{---} \times \text{---} = \text{---} = \text{---} = \text{---}$$

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

$$10. \quad 5\frac{1}{12} \div 5\frac{2}{3} = \text{---} \div \text{---} = \text{---} \times \text{---} = \text{---} = \text{---}$$

## Opérations avec deux fractions mixtes (A) Réponses

Nom: \_\_\_\_\_

Date: \_\_\_\_\_

Note: \_\_\_\_\_

Calculez chaque résultat.

$$1. \quad 5\frac{1}{9} + 1\frac{4}{16} = \frac{46}{9} + \frac{20}{16} = \frac{736}{144} + \frac{180}{144} = \frac{916}{144} = \frac{229}{36} = 6\frac{13}{36}$$

$$2. \quad 5\frac{2}{8} + 2\frac{3}{15} = \frac{42}{8} + \frac{33}{15} = \frac{630}{120} + \frac{264}{120} = \frac{894}{120} = \frac{149}{20} = 7\frac{9}{20}$$

$$3. \quad 5\frac{2}{7} + 3\frac{4}{12} = \frac{37}{7} + \frac{40}{12} = \frac{444}{84} + \frac{280}{84} = \frac{724}{84} = \frac{181}{21} = 8\frac{13}{21}$$

$$4. \quad 5\frac{2}{6} \times 1\frac{7}{18} = \frac{32}{6} \times \frac{25}{18} = \frac{800}{108} = \frac{200}{27} = 7\frac{11}{27}$$

$$5. \quad 5\frac{4}{6} \div 3\frac{7}{15} = \frac{34}{6} \div \frac{52}{15} = \frac{34}{6} \times \frac{15}{52} = \frac{510}{312} = \frac{85}{52} = 1\frac{33}{52}$$

$$6. \quad 1\frac{11}{19} \times 5\frac{2}{3} = \frac{30}{19} \times \frac{17}{3} = \frac{510}{57} = \frac{170}{19} = 8\frac{18}{19}$$

$$7. \quad 5\frac{1}{2} \div 2\frac{5}{10} = \frac{11}{2} \div \frac{25}{10} = \frac{11}{2} \times \frac{10}{25} = \frac{110}{50} = \frac{11}{5} = 2\frac{1}{5}$$

$$8. \quad 5\frac{3}{7} \times 1\frac{4}{10} = \frac{38}{7} \times \frac{14}{10} = \frac{532}{70} = \frac{38}{5} = 7\frac{3}{5}$$

$$9. \quad 5\frac{2}{4} - 5\frac{2}{9} = \frac{22}{4} - \frac{47}{9} = \frac{198}{36} - \frac{188}{36} = \frac{10}{36} = \frac{5}{18}$$

$$10. \quad 5\frac{1}{12} \div 5\frac{2}{3} = \frac{61}{12} \div \frac{17}{3} = \frac{61}{12} \times \frac{3}{17} = \frac{183}{204} = \frac{61}{68}$$