

Multiplication de Fractions (C)

Nom: _____

Date: _____

Score: ____ /10

Multipliez les fractions, simplifiez le résultat, et convertissez-le en nombres mixtes.

1. $\frac{3}{4} \times \frac{5}{6} \times 5\frac{2}{7} = \text{---} = \text{---} = \text{---}$

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

3. $\frac{8}{9} \times 4\frac{6}{7} \times \frac{1}{4} = \text{---} = \text{---} = \text{---}$

4. $\frac{5}{6} \times 5\frac{3}{7} \times \frac{1}{2} = \text{---} = \text{---} = \text{---}$

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

6. $\frac{8}{9} \times \frac{3}{5} \times 3\frac{5}{9} = \text{---} = \text{---} = \text{---}$

7. $\frac{2}{5} \times 3\frac{1}{2} \times \frac{7}{8} = \text{---} = \text{---} = \text{---}$

8. $\frac{4}{9} \times 4\frac{2}{3} \times \frac{6}{7} = \text{---} = \text{---} = \text{---}$

9. $\frac{7}{8} \times 5\frac{4}{5} \times \frac{5}{6} = \text{---} = \text{---} = \text{---}$

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

Multiplication de Fractions (C) Réponses

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Multipliez les fractions, simplifiez le résultat, et convertissez-le en nombres mixtes.

$$1. \quad \frac{3}{4} \times \frac{5}{6} \times 5\frac{2}{7} = \frac{555}{168} = \frac{185}{56} = 3\frac{17}{56}$$

$$2. \quad \frac{1}{2} \times 5\frac{1}{2} \times \frac{2}{5} = \frac{22}{20} = \frac{11}{10} = 1\frac{1}{10}$$

$$3. \quad \frac{8}{9} \times 4\frac{6}{7} \times \frac{1}{4} = \frac{272}{252} = \frac{68}{63} = 1\frac{5}{63}$$

$$4. \quad \frac{5}{6} \times 5\frac{3}{7} \times \frac{1}{2} = \frac{190}{84} = \frac{95}{42} = 2\frac{11}{42}$$

$$5. \quad \frac{5}{6} \times \frac{3}{4} \times 2\frac{2}{5} = \frac{180}{120} = \frac{3}{2} = 1\frac{1}{2}$$

$$6. \quad \frac{8}{9} \times \frac{3}{5} \times 3\frac{5}{9} = \frac{768}{405} = \frac{256}{135} = 1\frac{121}{135}$$

$$7. \quad \frac{2}{5} \times 3\frac{1}{2} \times \frac{7}{8} = \frac{98}{80} = \frac{49}{40} = 1\frac{9}{40}$$

$$8. \quad \frac{4}{9} \times 4\frac{2}{3} \times \frac{6}{7} = \frac{336}{189} = \frac{16}{9} = 1\frac{7}{9}$$

$$9. \quad \frac{7}{8} \times 5\frac{4}{5} \times \frac{5}{6} = \frac{1015}{240} = \frac{203}{48} = 4\frac{11}{48}$$

$$10. \quad \frac{5}{6} \times 1\frac{7}{9} \times \frac{6}{7} = \frac{480}{378} = \frac{80}{63} = 1\frac{17}{63}$$