

Multiplication de Fractions (C)

Nom: _____

Date: _____

Score: ____ /10

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

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

2. $2\frac{5}{6} \times 2\frac{1}{4} \times 4\frac{1}{5} = \text{_____} = \text{_____} = \text{_____}$

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

4. $2\frac{6}{7} \times 4\frac{3}{8} \times 1\frac{1}{6} = \text{_____} = \text{_____} = \text{_____}$

5. $4\frac{3}{8} \times 5\frac{1}{4} \times 3\frac{1}{6} = \text{_____} = \text{_____} = \text{_____}$

6. $1\frac{2}{5} \times 4\frac{1}{4} \times 5\frac{5}{6} = \text{_____} = \text{_____} = \text{_____}$

7. $1\frac{7}{9} \times 4\frac{5}{6} \times 4\frac{4}{5} = \text{_____} = \text{_____} = \text{_____}$

8. $4\frac{4}{5} \times 5\frac{1}{2} \times 3\frac{4}{5} = \text{_____} = \text{_____} = \text{_____}$

9. $4\frac{1}{5} \times 5\frac{3}{7} \times 5\frac{1}{3} = \text{_____} = \text{_____} = \text{_____}$

10. $2\frac{5}{7} \times 3\frac{1}{9} \times 1\frac{7}{9} = \text{_____} = \text{_____} = \text{_____}$

Multiplication de Fractions (C) Réponses

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

$$1. \quad 3\frac{4}{5} \times 3\frac{3}{5} \times 4\frac{1}{6} = \frac{8550}{150} = \frac{57}{1} = 57$$

$$2. \quad 2\frac{5}{6} \times 2\frac{1}{4} \times 4\frac{1}{5} = \frac{3213}{120} = \frac{1071}{40} = 26\frac{31}{40}$$

$$3. \quad 3\frac{2}{3} \times 3\frac{2}{3} \times 5\frac{1}{7} = \frac{4356}{63} = \frac{484}{7} = 69\frac{1}{7}$$

$$4. \quad 2\frac{6}{7} \times 4\frac{3}{8} \times 1\frac{1}{6} = \frac{4900}{336} = \frac{175}{12} = 14\frac{7}{12}$$

$$5. \quad 4\frac{3}{8} \times 5\frac{1}{4} \times 3\frac{1}{6} = \frac{13965}{192} = \frac{4655}{64} = 72\frac{47}{64}$$

$$6. \quad 1\frac{2}{5} \times 4\frac{1}{4} \times 5\frac{5}{6} = \frac{4165}{120} = \frac{833}{24} = 34\frac{17}{24}$$

$$7. \quad 1\frac{7}{9} \times 4\frac{5}{6} \times 4\frac{4}{5} = \frac{11136}{270} = \frac{1856}{45} = 41\frac{11}{45}$$

$$8. \quad 4\frac{4}{5} \times 5\frac{1}{2} \times 3\frac{4}{5} = \frac{5016}{50} = \frac{2508}{25} = 100\frac{8}{25}$$

$$9. \quad 4\frac{1}{5} \times 5\frac{3}{7} \times 5\frac{1}{3} = \frac{12768}{105} = \frac{608}{5} = 121\frac{3}{5}$$

$$10. \quad 2\frac{5}{7} \times 3\frac{1}{9} \times 1\frac{7}{9} = \frac{8512}{567} = \frac{1216}{81} = 15\frac{1}{81}$$