

Multiplication de Fractions (G)

Nom: _____

Date: _____

Score: ____ /10

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

1. $5\frac{1}{6} \times 4\frac{3}{8} \times 4\frac{1}{8} = \underline{\quad} = \underline{\quad} = \underline{\quad}$

2. $5\frac{4}{9} \times 3\frac{1}{4} \times 4\frac{1}{8} = \underline{\quad} = \underline{\quad} = \underline{\quad}$

3. $2\frac{1}{2} \times 1\frac{5}{6} \times 5\frac{1}{3} = \underline{\quad} = \underline{\quad} = \underline{\quad}$

4. $3\frac{2}{3} \times 1\frac{4}{5} \times 1\frac{1}{4} = \underline{\quad} = \underline{\quad} = \underline{\quad}$

5. $2\frac{1}{2} \times 1\frac{2}{5} \times 1\frac{1}{7} = \underline{\quad} = \underline{\quad} = \underline{\quad}$

6. $1\frac{5}{8} \times 3\frac{1}{7} \times 1\frac{5}{8} = \underline{\quad} = \underline{\quad} = \underline{\quad}$

7. $3\frac{3}{4} \times 4\frac{2}{5} \times 1\frac{5}{6} = \underline{\quad} = \underline{\quad} = \underline{\quad}$

8. $3\frac{4}{7} \times 5\frac{5}{6} \times 3\frac{4}{5} = \underline{\quad} = \underline{\quad} = \underline{\quad}$

9. $1\frac{3}{8} \times 3\frac{1}{2} \times 1\frac{1}{5} = \underline{\quad} = \underline{\quad} = \underline{\quad}$

10. $3\frac{8}{9} \times 1\frac{2}{9} \times 2\frac{1}{7} = \underline{\quad} = \underline{\quad} = \underline{\quad}$

Multiplication de Fractions (G) Réponses

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

$$1. \quad 5\frac{1}{6} \times 4\frac{3}{8} \times 4\frac{1}{8} = \frac{35805}{384} = \frac{11935}{128} = 93\frac{31}{128}$$

$$2. \quad 5\frac{4}{9} \times 3\frac{1}{4} \times 4\frac{1}{8} = \frac{21021}{288} = \frac{7007}{96} = 72\frac{95}{96}$$

$$3. \quad 2\frac{1}{2} \times 1\frac{5}{6} \times 5\frac{1}{3} = \frac{880}{36} = \frac{220}{9} = 24\frac{4}{9}$$

$$4. \quad 3\frac{2}{3} \times 1\frac{4}{5} \times 1\frac{1}{4} = \frac{495}{60} = \frac{33}{4} = 8\frac{1}{4}$$

$$5. \quad 2\frac{1}{2} \times 1\frac{2}{5} \times 1\frac{1}{7} = \frac{280}{70} = \frac{4}{1} = 4$$

$$6. \quad 1\frac{5}{8} \times 3\frac{1}{7} \times 1\frac{5}{8} = \frac{3718}{448} = \frac{1859}{224} = 8\frac{67}{224}$$

$$7. \quad 3\frac{3}{4} \times 4\frac{2}{5} \times 1\frac{5}{6} = \frac{3630}{120} = \frac{121}{4} = 30\frac{1}{4}$$

$$8. \quad 3\frac{4}{7} \times 5\frac{5}{6} \times 3\frac{4}{5} = \frac{16625}{210} = \frac{475}{6} = 79\frac{1}{6}$$

$$9. \quad 1\frac{3}{8} \times 3\frac{1}{2} \times 1\frac{1}{5} = \frac{462}{80} = \frac{231}{40} = 5\frac{31}{40}$$

$$10. \quad 3\frac{8}{9} \times 1\frac{2}{9} \times 2\frac{1}{7} = \frac{5775}{567} = \frac{275}{27} = 10\frac{5}{27}$$