

Multiplication de Fractions (J)

Nom: _____

Date: _____

Score: ____ /10

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

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

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

3. $1\frac{1}{5} \times 3\frac{5}{9} \times 3\frac{1}{6} = \underline{\quad} = \underline{\quad} = \underline{\quad}$

4. $1\frac{4}{7} \times 5\frac{1}{6} \times 4\frac{1}{8} = \underline{\quad} = \underline{\quad} = \underline{\quad}$

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

6. $5\frac{4}{9} \times 1\frac{4}{5} \times 3\frac{2}{5} = \underline{\quad} = \underline{\quad} = \underline{\quad}$

7. $1\frac{5}{6} \times 3\frac{7}{9} \times 5\frac{2}{5} = \underline{\quad} = \underline{\quad} = \underline{\quad}$

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

9. $3\frac{5}{8} \times 2\frac{4}{7} \times 1\frac{3}{8} = \underline{\quad} = \underline{\quad} = \underline{\quad}$

10. $2\frac{5}{8} \times 3\frac{5}{9} \times 1\frac{4}{9} = \underline{\quad} = \underline{\quad} = \underline{\quad}$

Multiplication de Fractions (J) Réponses

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

$$1. \quad 5\frac{8}{9} \times 5\frac{1}{2} \times 4\frac{1}{2} = \frac{5247}{36} = \frac{583}{4} = 145\frac{3}{4}$$

$$2. \quad 1\frac{2}{3} \times 2\frac{4}{5} \times 1\frac{6}{7} = \frac{910}{105} = \frac{26}{3} = 8\frac{2}{3}$$

$$3. \quad 1\frac{1}{5} \times 3\frac{5}{9} \times 3\frac{1}{6} = \frac{3648}{270} = \frac{608}{45} = 13\frac{23}{45}$$

$$4. \quad 1\frac{4}{7} \times 5\frac{1}{6} \times 4\frac{1}{8} = \frac{11253}{336} = \frac{3751}{112} = 33\frac{55}{112}$$

$$5. \quad 5\frac{1}{2} \times 3\frac{1}{7} \times 3\frac{1}{4} = \frac{3146}{56} = \frac{1573}{28} = 56\frac{5}{28}$$

$$6. \quad 5\frac{4}{9} \times 1\frac{4}{5} \times 3\frac{2}{5} = \frac{7497}{225} = \frac{833}{25} = 33\frac{8}{25}$$

$$7. \quad 1\frac{5}{6} \times 3\frac{7}{9} \times 5\frac{2}{5} = \frac{10098}{270} = \frac{187}{5} = 37\frac{2}{5}$$

$$8. \quad 1\frac{1}{5} \times 5\frac{1}{2} \times 4\frac{2}{5} = \frac{1452}{50} = \frac{726}{25} = 29\frac{1}{25}$$

$$9. \quad 3\frac{5}{8} \times 2\frac{4}{7} \times 1\frac{3}{8} = \frac{5742}{448} = \frac{2871}{224} = 12\frac{183}{224}$$

$$10. \quad 2\frac{5}{8} \times 3\frac{5}{9} \times 1\frac{4}{9} = \frac{8736}{648} = \frac{364}{27} = 13\frac{13}{27}$$