

## Multiplication de Fractions (H)

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

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

Score: \_\_\_\_ /10

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

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

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

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

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

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

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

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

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

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

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

## Multiplication de Fractions (H) Réponses

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

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Score: \_\_\_\_\_ /10

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

$$1. \quad 5\frac{1}{3} \times 1\frac{1}{5} \times 2\frac{1}{9} = \frac{1824}{135} = \frac{608}{45} = 13\frac{23}{45}$$

$$2. \quad 5\frac{4}{7} \times 3\frac{1}{8} \times 2\frac{5}{8} = \frac{20475}{448} = \frac{2925}{64} = 45\frac{45}{64}$$

$$3. \quad 5\frac{3}{8} \times 1\frac{5}{8} \times 2\frac{4}{9} = \frac{12298}{576} = \frac{6149}{288} = 21\frac{101}{288}$$

$$4. \quad 1\frac{1}{2} \times 1\frac{2}{3} \times 3\frac{7}{9} = \frac{510}{54} = \frac{85}{9} = 9\frac{4}{9}$$

$$5. \quad 1\frac{1}{9} \times 4\frac{3}{5} \times 3\frac{3}{4} = \frac{3450}{180} = \frac{115}{6} = 19\frac{1}{6}$$

$$6. \quad 2\frac{1}{2} \times 3\frac{1}{6} \times 5\frac{1}{3} = \frac{1520}{36} = \frac{380}{9} = 42\frac{2}{9}$$

$$7. \quad 4\frac{4}{7} \times 1\frac{1}{8} \times 3\frac{3}{5} = \frac{5184}{280} = \frac{648}{35} = 18\frac{18}{35}$$

$$8. \quad 4\frac{1}{6} \times 4\frac{1}{7} \times 4\frac{7}{8} = \frac{28275}{336} = \frac{9425}{112} = 84\frac{17}{112}$$

$$9. \quad 3\frac{1}{5} \times 1\frac{1}{2} \times 1\frac{1}{8} = \frac{432}{80} = \frac{27}{5} = 5\frac{2}{5}$$

$$10. \quad 5\frac{2}{3} \times 1\frac{5}{8} \times 2\frac{2}{9} = \frac{4420}{216} = \frac{1105}{54} = 20\frac{25}{54}$$