

# Multiplication de Fractions (I)

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

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

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

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

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

2.  $3\frac{8}{9} \times 1\frac{6}{7} \times 2\frac{1}{7} = \underline{\quad} = \underline{\quad} = \underline{\quad}$

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

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

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

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

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

8.  $2\frac{1}{8} \times 3\frac{1}{5} \times 2\frac{1}{6} = \underline{\quad} = \underline{\quad} = \underline{\quad}$

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

10.  $4\frac{1}{4} \times 4\frac{1}{7} \times 5\frac{1}{3} = \underline{\quad} = \underline{\quad} = \underline{\quad}$

## Multiplication de Fractions (I) Réponses

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

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

$$1. \quad 5\frac{1}{7} \times 3\frac{3}{4} \times 1\frac{3}{4} = \frac{3780}{112} = \frac{135}{4} = 33\frac{3}{4}$$

$$2. \quad 3\frac{8}{9} \times 1\frac{6}{7} \times 2\frac{1}{7} = \frac{6825}{441} = \frac{325}{21} = 15\frac{10}{21}$$

$$3. \quad 2\frac{1}{2} \times 2\frac{1}{9} \times 2\frac{2}{3} = \frac{760}{54} = \frac{380}{27} = 14\frac{2}{27}$$

$$4. \quad 3\frac{3}{4} \times 5\frac{1}{9} \times 1\frac{4}{9} = \frac{8970}{324} = \frac{1495}{54} = 27\frac{37}{54}$$

$$5. \quad 2\frac{1}{4} \times 3\frac{1}{2} \times 4\frac{4}{7} = \frac{2016}{56} = \frac{36}{1} = 36$$

$$6. \quad 5\frac{1}{3} \times 3\frac{1}{2} \times 5\frac{2}{7} = \frac{4144}{42} = \frac{296}{3} = 98\frac{2}{3}$$

$$7. \quad 5\frac{7}{9} \times 3\frac{1}{2} \times 3\frac{4}{9} = \frac{11284}{162} = \frac{5642}{81} = 69\frac{53}{81}$$

$$8. \quad 2\frac{1}{8} \times 3\frac{1}{5} \times 2\frac{1}{6} = \frac{3536}{240} = \frac{221}{15} = 14\frac{11}{15}$$

$$9. \quad 5\frac{3}{8} \times 1\frac{3}{4} \times 2\frac{2}{5} = \frac{3612}{160} = \frac{903}{40} = 22\frac{23}{40}$$

$$10. \quad 4\frac{1}{4} \times 4\frac{1}{7} \times 5\frac{1}{3} = \frac{7888}{84} = \frac{1972}{21} = 93\frac{19}{21}$$