

Multiplication de Fractions (E)

Nom: _____

Date: _____

Score: ____ /10

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

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

2. $\frac{8}{9} \times \frac{2}{7} \times 4\frac{1}{4} = \text{---} = \text{---} = \text{---}$

3. $4\frac{4}{5} \times \frac{5}{6} \times \frac{2}{7} = \text{---} = \text{---} = \text{---}$

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

5. $3\frac{1}{2} \times \frac{2}{3} \times \frac{5}{6} = \text{---} = \text{---} = \text{---}$

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

7. $\frac{4}{5} \times \frac{3}{4} \times 3\frac{4}{7} = \text{---} = \text{---} = \text{---}$

8. $3\frac{1}{2} \times \frac{7}{8} \times \frac{8}{9} = \text{---} = \text{---} = \text{---}$

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

10. $\frac{8}{9} \times 4\frac{3}{4} \times \frac{2}{3} = \text{---} = \text{---} = \text{---}$

Multiplication de Fractions (E) Réponses

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

$$1. \quad \frac{1}{3} \times 4\frac{3}{4} \times \frac{3}{4} = \frac{57}{48} = \frac{19}{16} = 1\frac{3}{16}$$

$$2. \quad \frac{8}{9} \times \frac{2}{7} \times 4\frac{1}{4} = \frac{272}{252} = \frac{68}{63} = 1\frac{5}{63}$$

$$3. \quad 4\frac{4}{5} \times \frac{5}{6} \times \frac{2}{7} = \frac{240}{210} = \frac{8}{7} = 1\frac{1}{7}$$

$$4. \quad \frac{4}{5} \times 5\frac{1}{8} \times \frac{2}{3} = \frac{328}{120} = \frac{41}{15} = 2\frac{11}{15}$$

$$5. \quad 3\frac{1}{2} \times \frac{2}{3} \times \frac{5}{6} = \frac{70}{36} = \frac{35}{18} = 1\frac{17}{18}$$

$$6. \quad \frac{3}{5} \times \frac{3}{4} \times 4\frac{1}{6} = \frac{225}{120} = \frac{15}{8} = 1\frac{7}{8}$$

$$7. \quad \frac{4}{5} \times \frac{3}{4} \times 3\frac{4}{7} = \frac{300}{140} = \frac{15}{7} = 2\frac{1}{7}$$

$$8. \quad 3\frac{1}{2} \times \frac{7}{8} \times \frac{8}{9} = \frac{392}{144} = \frac{49}{18} = 2\frac{13}{18}$$

$$9. \quad \frac{5}{6} \times 5\frac{1}{4} \times \frac{1}{4} = \frac{105}{96} = \frac{35}{32} = 1\frac{3}{32}$$

$$10. \quad \frac{8}{9} \times 4\frac{3}{4} \times \frac{2}{3} = \frac{304}{108} = \frac{76}{27} = 2\frac{22}{27}$$