Multiplying Fractions (H)

Name: _____ Date: _____ Score: _____ /10

Multiply and simplify.

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

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

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

4. $\dfrac{5}{6} \times \dfrac{1}{7} \times \dfrac{4}{9} = \underline{\quad} = \underline{\quad}$

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

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

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

8. $\dfrac{1}{2} \times \dfrac{4}{7} \times \dfrac{1}{8} = \underline{\quad} = \underline{\quad}$

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

10. $\dfrac{7}{9} \times \dfrac{3}{4} \times \dfrac{4}{5} = \underline{\quad} = \underline{\quad}$

Multiplying Fractions (H) Answers

Name: _____

Date: _____

Score: ____ /10

Multiply and simplify.

1. $\dfrac{2}{5} \times \dfrac{3}{4} \times \dfrac{4}{9} = \dfrac{24}{180} = \dfrac{2}{15}$

2. $\dfrac{3}{4} \times \dfrac{7}{9} \times \dfrac{3}{4} = \dfrac{63}{144} = \dfrac{7}{16}$

3. $\dfrac{5}{6} \times \dfrac{1}{8} \times \dfrac{3}{4} = \dfrac{15}{192} = \dfrac{5}{64}$

4. $\dfrac{5}{6} \times \dfrac{1}{7} \times \dfrac{4}{9} = \dfrac{20}{378} = \dfrac{10}{189}$

5. $\dfrac{1}{8} \times \dfrac{3}{8} \times \dfrac{7}{8} = \dfrac{21}{512}$

6. $\dfrac{3}{8} \times \dfrac{2}{9} \times \dfrac{1}{3} = \dfrac{6}{216} = \dfrac{1}{36}$

7. $\dfrac{1}{7} \times \dfrac{1}{3} \times \dfrac{4}{9} = \dfrac{4}{189}$

8. $\dfrac{1}{2} \times \dfrac{4}{7} \times \dfrac{1}{8} = \dfrac{4}{112} = \dfrac{1}{28}$

9. $\dfrac{1}{2} \times \dfrac{2}{5} \times \dfrac{1}{2} = \dfrac{2}{20} = \dfrac{1}{10}$

10. $\dfrac{7}{9} \times \dfrac{3}{4} \times \dfrac{4}{5} = \dfrac{84}{180} = \dfrac{7}{15}$