Multiplying Fractions (J)

Name: _____   Date: _____   Score: _____ /10

Multiply and simplify.

1. $\dfrac{1}{3} \times \dfrac{1}{6} \times \dfrac{1}{6} = $ ——

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

3. $\dfrac{2}{3} \times \dfrac{5}{6} \times \dfrac{1}{9} = $ —— = ——

4. $\dfrac{1}{8} \times \dfrac{3}{4} \times \dfrac{1}{6} = $ —— = ——

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

6. $\dfrac{3}{5} \times \dfrac{1}{3} \times \dfrac{1}{2} = $ — = —

7. $\dfrac{8}{9} \times \dfrac{1}{4} \times \dfrac{5}{9} = $ —— = —

8. $\dfrac{3}{7} \times \dfrac{3}{5} \times \dfrac{1}{2} = $ —

9. $\dfrac{1}{6} \times \dfrac{5}{6} \times \dfrac{1}{6} = $ ——

10. $\dfrac{5}{6} \times \dfrac{1}{4} \times \dfrac{4}{5} = $ —— = —

Multiplying Fractions (J) Answers

Name: _____

Date: _____

Score: ____ /10

Multiply and simplify.

1. $\dfrac{1}{3} \times \dfrac{1}{6} \times \dfrac{1}{6} = \dfrac{1}{108}$

2. $\dfrac{2}{7} \times \dfrac{1}{4} \times \dfrac{1}{8} = \dfrac{2}{224} = \dfrac{1}{112}$

3. $\dfrac{2}{3} \times \dfrac{5}{6} \times \dfrac{1}{9} = \dfrac{10}{162} = \dfrac{5}{81}$

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

5. $\dfrac{2}{5} \times \dfrac{1}{5} \times \dfrac{1}{9} = \dfrac{2}{225}$

6. $\dfrac{3}{5} \times \dfrac{1}{3} \times \dfrac{1}{2} = \dfrac{3}{30} = \dfrac{1}{10}$

7. $\dfrac{8}{9} \times \dfrac{1}{4} \times \dfrac{5}{9} = \dfrac{40}{324} = \dfrac{10}{81}$

8. $\dfrac{3}{7} \times \dfrac{3}{5} \times \dfrac{1}{2} = \dfrac{9}{70}$

9. $\dfrac{1}{6} \times \dfrac{5}{6} \times \dfrac{1}{6} = \dfrac{5}{216}$

10. $\dfrac{5}{6} \times \dfrac{1}{4} \times \dfrac{4}{5} = \dfrac{20}{120} = \dfrac{1}{6}$