

1. $\frac{1}{2} \times \frac{1}{2} = \frac{1}{4}$
 $\frac{1}{4} \times \frac{1}{4} = \frac{1}{16}$

2. $\frac{1}{2} \times \frac{1}{4} = \frac{1}{8}$
 $\frac{1}{8} \times \frac{1}{8} = \frac{1}{64}$

3. $\frac{1}{4} \times \frac{1}{8} = \frac{1}{32}$
 $\frac{1}{32} \times \frac{1}{32} = \frac{1}{1024}$

4. $\frac{1}{8} \times \frac{1}{16} = \frac{1}{128}$
 $\frac{1}{128} \times \frac{1}{128} = \frac{1}{16384}$

5. $\frac{1}{16} \times \frac{1}{32} = \frac{1}{512}$
 $\frac{1}{512} \times \frac{1}{512} = \frac{1}{262144}$

6. $\frac{1}{32} \times \frac{1}{64} = \frac{1}{2048}$
 $\frac{1}{2048} \times \frac{1}{2048} = \frac{1}{4194304}$

7. $\frac{1}{64} \times \frac{1}{128} = \frac{1}{8192}$
 $\frac{1}{8192} \times \frac{1}{8192} = \frac{1}{67108864}$