

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

3. $\frac{1}{8} \times \frac{1}{2} = \frac{1}{16}$
4. $\frac{1}{16} \times \frac{1}{2} = \frac{1}{32}$
5. $\frac{1}{32} \times \frac{1}{2} = \frac{1}{64}$
6. $\frac{1}{64} \times \frac{1}{2} = \frac{1}{128}$

7. $\frac{1}{128} \times \frac{1}{2} = \frac{1}{256}$

8. $\frac{1}{256} \times \frac{1}{2} = \frac{1}{512}$

9. $\frac{1}{512} \times \frac{1}{2} = \frac{1}{1024}$

10. $\frac{1}{1024} \times \frac{1}{2} = \frac{1}{2048}$

11. $\frac{1}{2048} \times \frac{1}{2} = \frac{1}{4096}$

12. $\frac{1}{4096} \times \frac{1}{2} = \frac{1}{8192}$