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•  $\frac{1}{2} \cdot \frac{1}{2} = \frac{1}{4}$ ,  $\frac{1}{2} \cdot \frac{1}{4} = \frac{1}{8}$ ,  $\frac{1}{4} \cdot \frac{1}{4} = \frac{1}{16}$ ,  $\frac{1}{8} \cdot \frac{1}{4} = \frac{1}{32}$ ,  $\frac{1}{16} \cdot \frac{1}{4} = \frac{1}{64}$ ,  $\frac{1}{32} \cdot \frac{1}{4} = \frac{1}{128}$ ,  $\frac{1}{64} \cdot \frac{1}{4} = \frac{1}{256}$ ,  $\frac{1}{128} \cdot \frac{1}{4} = \frac{1}{512}$ ,  $\frac{1}{256} \cdot \frac{1}{4} = \frac{1}{1024}$ ,  $\frac{1}{512} \cdot \frac{1}{4} = \frac{1}{2048}$ ,  $\frac{1}{1024} \cdot \frac{1}{4} = \frac{1}{4096}$ ,  $\frac{1}{2048} \cdot \frac{1}{4} = \frac{1}{8192}$ ,  $\frac{1}{4096} \cdot \frac{1}{4} = \frac{1}{16384}$ ,  $\frac{1}{8192} \cdot \frac{1}{4} = \frac{1}{32768}$ ,  $\frac{1}{16384} \cdot \frac{1}{4} = \frac{1}{65536}$ ,  $\frac{1}{32768} \cdot \frac{1}{4} = \frac{1}{131072}$ ,  $\frac{1}{65536} \cdot \frac{1}{4} = \frac{1}{262144}$ ,  $\frac{1}{131072} \cdot \frac{1}{4} = \frac{1}{524288}$ ,  $\frac{1}{262144} \cdot \frac{1}{4} = \frac{1}{1048576}$ ,  $\frac{1}{524288} \cdot \frac{1}{4} = \frac{1}{2097152}$ ,  $\frac{1}{1048576} \cdot \frac{1}{4} = \frac{1}{4194304}$ ,  $\frac{1}{2097152} \cdot \frac{1}{4} = \frac{1}{8388608}$ ,  $\frac{1}{4194304} \cdot \frac{1}{4} = \frac{1}{16777216}$ ,  $\frac{1}{8388608} \cdot \frac{1}{4} = \frac{1}{33554432}$ ,  $\frac{1}{16777216} \cdot \frac{1}{4} = \frac{1}{67108864}$ ,  $\frac{1}{33554432} \cdot \frac{1}{4} = \frac{1}{134217728}$ ,  $\frac{1}{67108864} \cdot \frac{1}{4} = \frac{1}{268435456}$ ,  $\frac{1}{134217728} \cdot \frac{1}{4} = \frac{1}{536870912}$ ,  $\frac{1}{268435456} \cdot \frac{1}{4} = \frac{1}{1073741824}$ ,  $\frac{1}{536870912} \cdot \frac{1}{4} = \frac{1}{2147483648}$ ,  $\frac{1}{1073741824} \cdot \frac{1}{4} = \frac{1}{4294967296}$ ,  $\frac{1}{2147483648} \cdot \frac{1}{4} = \frac{1}{8589934592}$ ,  $\frac{1}{4294967296} \cdot \frac{1}{4} = \frac{1}{17179869184}$ ,  $\frac{1}{8589934592} \cdot \frac{1}{4} = \frac{1}{34359738368}$ ,  $\frac{1}{17179869184} \cdot \frac{1}{4} = \frac{1}{68719476736}$ ,  $\frac{1}{34359738368} \cdot \frac{1}{4} = \frac{1}{137438953472}$ ,  $\frac{1}{68719476736} \cdot \frac{1}{4} = \frac{1}{274877906944}$ ,  $\frac{1}{137438953472} \cdot \frac{1}{4} = \frac{1}{549755813888}$ ,  $\frac{1}{274877906944} \cdot \frac{1}{4} = \frac{1}{1099511627776}$ ,  $\frac{1}{549755813888} \cdot \frac{1}{4} = \frac{1}{2199023255552}$ ,  $\frac{1}{1099511627776} \cdot \frac{1}{4} = \frac{1}{4398046511104}$ ,  $\frac{1}{2199023255552} \cdot \frac{1}{4} = \frac{1}{8796093022208}$ ,  $\frac{1}{4398046511104} \cdot \frac{1}{4} = \frac{1}{17592186044416}$ ,  $\frac{1}{8796093022208} \cdot \frac{1}{4} = \frac{1}{35184372088832}$ ,  $\frac{1}{17592186044416} \cdot \frac{1}{4} = \frac{1}{70368744177664}$ ,  $\frac{1}{35184372088832} \cdot \frac{1}{4} = \frac{1}{140737488355328}$ ,  $\frac{1}{70368744177664} \cdot \frac{1}{4} = \frac{1}{281474976710656}$ ,  $\frac{1}{140737488355328} \cdot \frac{1}{4} = \frac{1}{562949953421312}$ ,  $\frac{1}{281474976710656} \cdot \frac{1}{4} = \frac{1}{1125899906842624}$ ,  $\frac{1}{562949953421312} \cdot \frac{1}{4} = \frac{1}{2251799813685248}$ ,  $\frac{1}{1125899906842624} \cdot \frac{1}{4} = \frac{1}{4503599627370496}$ ,  $\frac{1}{2251799813685248} \cdot \frac{1}{4} = \frac{1}{9007199254740992}$ ,  $\frac{1}{4503599627370496} \cdot \frac{1}{4} = \frac{1}{18014398509481984}$ ,  $\frac{1}{9007199254740992} \cdot \frac{1}{4} = \frac{1}{36028797018963968}$ ,  $\frac{1}{18014398509481984} \cdot \frac{1}{4} = \frac{1}{72057594037927936}$ ,  $\frac{1}{36028797018963968} \cdot \frac{1}{4} = \frac{1}{144115188075855872}$ ,  $\frac{1}{72057594037927936} \cdot \frac{1}{4} = \frac{1}{288230376151711744}$ ,  $\frac{1}{144115188075855872} \cdot \frac{1}{4} = \frac{1}{576460752303423488}$ ,  $\frac{1}{288230376151711744} \cdot \frac{1}{4} = \frac{1}{1152921504606846976}$ ,  $\frac{1}{576460752303423488} \cdot \frac{1}{4} = \frac{1}{2305843009213693952}$ ,  $\frac{1}{1152921504606846976} \cdot \frac{1}{4} = \frac{1}{4611686018427387904}$ ,  $\frac{1}{2305843009213693952} \cdot \frac{1}{4} = \frac{1}{9223372036854775808}$ ,  $\frac{1}{4611686018427387904} \cdot \frac{1}{4} = \frac{1}{18446744073709551616}$ ,  $\frac{1}{9223372036854775808} \cdot \frac{1}{4} = \frac{1}{36893488147419103232}$ ,  $\frac{1}{18446744073709551616} \cdot \frac{1}{4} = \frac{1}{73786976294838206464}$ ,  $\frac{1}{36893488147419103232} \cdot \frac{1}{4} = \frac{1}{147573952589676412928}$ ,  $\frac{1}{73786976294838206464} \cdot \frac{1}{4} = \frac{1}{295147905179352825856}$ ,  $\frac{1}{147573952589676412928} \cdot \frac{1}{4} = \frac{1}{590295810358705651712}$ ,  $\frac{1}{295147905179352825856} \cdot \frac{1}{4} = \frac{1}{1180591620717411303424}$ ,  $\frac{1}{590295810358705651712} \cdot \frac{1}{4} = \frac{1}{2361183241434822606848}$ ,  $\frac{1}{1180591620717411303424} \cdot \frac{1}{4} = \frac{1}{4722366482869645213696}$ ,  $\frac{1}{2361183241434822606848} \cdot \frac{1}{4} = \frac{1}{9444732965739290427392}$ ,  $\frac{1}{4722366482869645213696} \cdot \frac{1}{4} = \frac{1}{18889465931478580854784}$ ,  $\frac{1}{9444732965739290427392} \cdot \frac{1}{4} = \frac{1}{37778931862957161709568}$ ,  $\frac{1}{18889465931478580854784} \cdot \frac{1}{4} = \frac{1}{75557863725914323419136}$ ,  $\frac{1}{37778931862957161709568} \cdot \frac{1}{4} = \frac{1}{151115727451828646838272}$ ,  $\frac{1}{75557863725914323419136} \cdot \frac{1}{4} = \frac{1}{302231454903657293676544}$ ,  $\frac{1}{151115727451828646838272} \cdot \frac{1}{4} = \frac{1}{604462909807314587353088}$ ,  $\frac{1}{302231454903657293676544} \cdot \frac{1}{4} = \frac{1}{1208925819614629174706176}$ ,  $\frac{1}{604462909807314587353088} \cdot \frac{1}{4} = \frac{1}{241785163$