

Perfect Roots

Number	Square Root	Cube Root	4 th Root	5 th Root	6 th Root	7 th Root	8 th Root	9 th Root	10 th Root
2	4	8	16	32	64	128	256	512	1024
3	9	27	81	243	729	2187	6561	19683	59049
4	16	64	256	1024	4096	16384	65536	X	X
5	25	125	625	3125	15625	78125	X	X	X
6	36	216	1296	7776	46656	X	X	X	X
7	49	343	2401	16807	117649	X	X	X	X
8	64	512	4096	32768	262144	X	X	X	X
9	81	729	6561	59049	531441	X	X	X	X
10	100	1000	10000	100000	1000000	X	X	X	X
x	x^2	x^3	x^4	x^5	x^6	x^7	x^8	x^9	x^{10}