

Converting from “1 in xx” to a more useful format

(e.g. “1 in 7” to “out of 1000”: 1 divided by 7 times 1000)

			Decimal	%	Out of 1000
1	in	1	1.00	100.00%	1000
1	in	2	0.50	50.00%	500
1	in	3	0.33	33.33%	333
1	in	4	0.25	25.00%	250
1	in	5	0.20	20.00%	200
1	in	6	0.17	16.67%	167
1	in	7	0.14	14.29%	143
1	in	8	0.13	12.50%	125
1	in	9	0.11	11.11%	111
1	in	10	0.10	10.00%	100
1	in	20	0.05	5.00%	50
1	in	25	0.04	4.00%	40
1	in	50	0.02	2.00%	20
1	in	100	0.01	1.00%	10
1	in	200	0.01	0.50%	5
1	in	250	0.00	0.40%	4
1	in	300	0.00	0.33%	3.3
1	in	400	0.00	0.25%	2.5
1	in	500	0.00	0.20%	2.0
1	in	600	0.00	0.17%	1.7
1	in	700	0.00	0.14%	1.4
1	in	800	0.00	0.13%	1.3
1	in	900	0.00	0.11%	1.1
1	in	1,000	0.00	0.10%	1.0
1	in	2,000	0.00	0.05%	0.50
1	in	3,000	0.00	0.03%	0.33
1	in	4,000	0.00	0.03%	0.25
1	in	5,000	0.00	0.02%	0.20
1	in	10,000	0.00	0.01%	0.10
1	in	25,000	0.00	0.00%	0.040
1	in	50,000	0.00	0.00%	0.020
1	in	100,000	0.00	0.00%	0.010
1	in	1,000,000	0.00	0.00%	0.001

(1 in xx conversion table.xlsx)