

Weight Conversion Chart for Readabilities

Note: Sartorius scales and balances can display a maximum of 8 digits. You cannot access a weight unit which would exceed 8 digits, including the readability, i.e., do not try to weigh kilograms on a micro balance.

Grams	Kilograms	Pounds	Ounces	Troy Ounces	Carats	Pennywts.	Grains	Parts/lb
0.001	0.000001	0.000002	0.00005	0.00005	0.005	0.001	0.02	0.001
0.002	0.000002	0.000005	0.0001	0.0001	0.01	0.001	0.05	0.002
0.005	0.000005	0.00001	0.0002	0.0002	0.02	0.005	0.1	0.01
0.01	0.00001	0.00002	0.0005	0.0005	0.05	0.005	0.2	0.01
0.02	0.00002	0.00005	0.001	0.001	0.1	0.01	0.5	0.02
0.05	0.00005	0.0001	0.002	0.002	0.2	0.05	1	0.1
0.1	0.0001	0.0002	0.005	0.005	0.5	0.05	2	0.1
0.2	0.0002	0.0005	0.01	0.01	1	0.1	5	0.2
0.5	0.0005	0.001	0.02	0.02	2	0.5	10	0.5
1	0.001	0.002	0.05	0.05	5	1	20	1
2	0.002	0.005	0.1	0.1	10	1	50	2
5	0.005	0.01	0.2	0.2	20	5	100	5
10	0.01	0.02	0.5	0.5	50	10	200	10

Weight Conversion Chart for Capacities

Grams	Kilograms	Pounds	Ounces	Troy Ounces	Carats	Pennywts.	Grains	Parts/lb
2	0.002	0.004	0.1	0.1	10	1.3	30.9	2.3
5	0.005	0.011	0.2	0.2	25	3.2	77.2	5.6
30	0.03	0.1	1.1	1.0	150	19.3	463.0	33.9
40	0.04	0.1	1.4	1.3	200	25.7	617.3	45.2
61	0.061	0.1	2.2	2.0	305	39.2	941.4	68.9
110	0.11	0.2	3.9	3.5	550	70.7	1697.6	124.2
120	0.12	0.3	4.2	3.9	600	77.2	1851.9	135.5
150	0.15	0.3	5.3	4.8	750	96.5	2314.9	169.3
160	0.16	0.4	5.6	5.1	800	102.9	2469.2	180.6
210	0.21	0.5	7.4	6.8	1050	135.1	3240.8	237.0
220	0.22	0.5	7.8	7.1	1100	141.5	3395.1	248.3
230	0.23	0.5	8.1	7.4	1150	147.9	3549.5	259.6
300	0.3	0.7	10.6	9.6	1500	192.9	4629.7	338.6
310	0.31	0.7	10.9	10.0	1550	199.4	4784.0	349.9
410	0.41	0.9	14.5	13.2	2050	263.7	6327.3	462.8
420	0.42	0.9	14.8	13.5	2100	270.1	6481.6	474.1
600	0.6	1.3	21.2	19.3	3000	385.9	9259.4	677.3
610	0.61	1.3	21.5	19.6	3050	392.3	9413.8	688.6
620	0.62	1.4	21.9	19.9	3100	398.7	9568.1	699.9
820	0.82	1.8	28.9	26.4	4100	527.3	12654.6	925.6
1200	1.2	2.6	42.3	38.6	6000	771.7	18518.9	1354.6
1500	1.5	3.3	52.9	48.2	7500	964.7	23148.6	1693.2
2000	2	4.4	70.6	64.3	10000	1286.2	30864.8	2257.6
2100	2.1	4.6	74.1	67.5	10500	1350.5	32408.0	2370.5
2200	2.2	4.9	77.6	70.7	11000	1414.8	33951.3	2483.4
3000	3	6.6	105.9	96.5	15000	1929.3	46297.2	3386.4
3100	3.1	6.8	109.4	99.7	15500	1993.6	47840.4	3499.3
3200	3.2	7.1	112.9	102.9	16000	2057.9	49383.7	3612.2
4100	4.1	9.0	144.7	131.8	20500	2636.7	63272.8	4628.1
4200	4.2	9.3	148.2	135.0	21000	2701.0	64816.1	4741.0
5000	5	11.0	176.4	160.8	25000	3215.5	77162.0	5644.0
5200	5.2	11.5	183.5	167.2	26000	3344.1	80248.5	5869.8
6000	6	13.2	211.7	192.9	30000	3858.6	92594.4	6772.8
6100	6.1	13.5	215.2	196.1	30500	3922.9	94137.6	6885.7
6200	6.2	13.7	218.8	199.3	31000	3987.2	95680.9	6998.6
8100	8.1	17.9	285.8	260.4	40500	5209.1	125002.4	9143.3
8200	8.2	18.0	289.4	263.6	41000	5273.4	129632.2	9256.2
12000	12	26.5	423.4	385.8	60000	7717.2	185188.8	13545.6
16000	16	35.3	564.6	514.4	80000	10289.6	246918.4	18060.8
34000	34	75.0	1199.7	1093.1	170000	21865.4	524701.6	38379.2