

Units	Item	Unit Symbol	Raw Value	Power	Unit Value	suffix <i>h</i>	difference	digit	Decimal		
	Local Time	s		6							
	Length	m	9.1210202714E-08	6	2.7235220594E-01	error/year			-3	272.352206	mm
	Time	s	3.0424448741E-16	14	3.9062511513E-01	9.3005 seconds			-3	390.625115	ms
	Energy	J	3.4661986043E-19	16	6.4084556015E-02				-3	64.084556	mJ
	Temperature	K	2.5105574294E+04	-8	5.8387541906E-05				-6	58.387542	μK
	Amount of substance	mol	1.6605390672E-24	24	1.3200762050E+02				0	132.007620	mol
	Mass	g	3.8566660714E-36	32	1.3182928928E-01				-3	131.829289	g
	Power	W	1.1392806600E-03	2	1.6405641505E-01				-3	164.056415	mW
	Force	N	3.8002312254E-12	10	2.3530030092E-01				-3	235.300301	mN
	Pressure	P	4.5679693393E+02	-2	3.1722009301E+00				0	3.172201	Pa
	Charge	C	1.8755460383E-18	15	2.8896578276E-02				-3	28.896578	mC
	Electric current	A	6.1646015487E-03	1	7.3975218585E-02				-3	73.975219	mA
	Field Strength	O	6.7586754171E+04	-5	2.7161600667E-01				-3	271.616007	mA/m
	Flux density	G	2.2544514502E-04	3	3.8956921060E-01				-3	389.569211	mC/m^2
	Impedance	Ω/ sr	2.9979245796E+01	0	2.9979245796E+01				0	29.979246	Ω
	Electric potential difference	ΩA	1.8481010506E-01	1	2.2177212607E+00				0	2.217721	V
	Electric capacitance	s/Ω	1.0148503718E-17	14	1.3029851311E-02				-3	13.029851	mF
	Magnetic flux	ΩC	5.6227455683E-17	15	8.6629762280E-01				0	0.866298	Wb
	Magnetic flux density	ΩG	6.7586754161E-03	3	1.1678991119E+01				0	11.678991	T
	Inductance	sΩ	9.1210202702E-15	14	1.1710646340E+01				0	11.710646	H
	Frequency	Ω_1/s	3.2868303005E+15	-14	2.5599992455E+00				0	2.559999	Hz
	Luminous flux	W_e	8.0324452663E-01	2	1.1566721184E+02				0	115.667212	lm
	Luminous intensity	W_e/sr	8.0324452663E-01	2	1.1566721184E+02				0	115.667212	cd
		W_e/Ω_2	6.3920168463E-02	2	9.2045042586E+00				0	9.204504	cd
	Illuminance and luminous emittance	W_e/m^2	9.6551924132E+13	-10	1.5593674786E+03				3	1.559367	klx
	Catalytic activity	mol/s	5.4579101212E-09	10	3.3793940888E+02				0	337.939409	kat
	Radio activity	mol_n/s	3.2868303005E+15	-14	2.5599992455E+00				0	2.559999	Bq
	Absorbed radiation dose	J/g	8.9875517874E+16	-16	4.8611773880E-01				0	0.486118	Gy
Equivalent dose	J_e/g	8.9875517874E+16	-16	4.8611773880E-01				0	0.486118	Sv	
Constants	Item	Unit Symbol	Raw Value	Power	Value/Unit	Dozenal	difference		0123456789XE	Power	
	Fine Structure Constant	-	7.2973525643E-03	10	7.2973525643E-03	1;0739940472	5.082%	-2	1.050819	dino	
	Avogadro constant	l/mol	6.0221407600E+23	10	7.9496847203E+25	1;0000000000	0.000%	24	1.000000	ter-cosmic	
	Rydberg constant	Ω_1/m	1.0973731568E+07	12	2.9887200000E+06	1;001700000000	0.092%	6	1.000916	dino cosmic	
	Speed of light in vacuum	m/s	2.9979245800E+08	12	4.2998169600E+08	1;000000000000	0.000%	8	1.000000	cosmic	
	Quantum of action	Js	1.0545718176E-34	10	4.2127202331E-33	1;0000000000	0.000%	-30	1.000000	gross tetra-atomic	
	Boltzmann constant	J/K	1.3806490000E-23	10	1.2579115212E-26	1;0000000000	0.000%	-24	1.000000	ter-atomic	
	Gas constant	J/(mol K)	8.3144626182E+00	10	1.0000000000E+00	1;0000000000	0.000%	0	1.000000		
	Unified atomic mass unit	kg	1.6605390689E-27	10	1.2596131542E-26	1;0024073349	0.135%	-24	1.001353	ter-atomic	
	Bohr Radius	m	5.2917721054E-11	10	1.9429885237E-10	1;00447X73X8	0.254%	-9	1.002539	unino atomic	
	Elementary electric charge	C	1.6021766340E-19	10	5.5445202497E-18	1;0374439E14	2.509%	-16	1.025095	di-atomic	
	Electron mass	kg	9.1093837140E-31	10	6.9099846957E-30	0;E48324X245	-5.077%	-27	0.949228	terno ter-atomic	
	Proton mass	kg	1.6726219260E-27	10	1.2687786872E-26	1;012E180E29	0.864%	-24	1.008639	ter-atomic	
	Newtonian constant of gravitation	(m/s)^4/N	6.6743000000E-11	5	6.6457694051E-11	4;14663	2.872%	-10	4.114885	dino atomic	
	Planck force	N	1.210255643E+44	5	5.1434509841E+44	2;XEE32	-0.015%	1	41	2.916242	dozen penta-cosmic
	Gravitic meter	m	9.5618936743E-35	5	3.5108559673E-34	1;00016	0.007%	-31	1.000073	dozen tetra-atomic	
	Planck length	m	1.6162550244E-35	5	5.9344297170E-35	2;04134	1.426%	-32	2.028518	tetra-atomic	
	Adjusted Planck length	m	1.8920265368E-34	5	6.9469844396E-34	1;E8E58	-1.057%	-31	1.978859	dozen tetra-atomic	
	Stefan-Boltzmann constant	W/m^2/K^4	5.6703744192E-08	10	2.9796213807E-25	1;E82E281EX2	-1.304%	-23	1.973921	dozen ter-atomic	
	Black-body radiation at the ice point	W/m^2	3.1565782231E+02	6	1.4272009738E+02	0;EX8784	-0.889%	2	0.991112	gross	
	Temperature of the triple point of water	K	2.7316000000E+02	6	4.6783952721E+06	1;6974X3		6	1.566785	dino cosmic	
	Molar volume of an ideal gas	m^3/mol	2.2413969540E-02	6	1.4646204322E+02	1;025665	1.710%	2	1.017098	gross	
	-log(Sqrt([H+][OH-])/(mol/m^3))	log(12)	1.0039920318E-04	4	7.2401888688E+00	7;2X71		0	7.240189		
	Maximum density of water	kg/m^3	9.9997200000E+02	6	1.5323875701E+02	1;092X47	6.416%	2	1.064158	gross	
	Density of ice at the ice point	kg/m^3	9.1680000000E+02	4	1.4049322623E+02	0;E85E	-2.435%	2	0.975647	gross	
	Specific heat of water	J/kg/K	4.1840000000E+03	4	5.0253972615E-01	6;0448	0.508%	-1	6.030477	unino	
	Surface tension of water at 25°C	N/m	7.1970000000E-02	4	8.3302861003E-02	0;EEE4	-0.037%	-1	0.999634	unino	
	photon energy at 540THz	J	3.5780778810E-19	10	5.5833700091E-18	1;047937345E	3.228%	-16	1.032277	di-atomic	
	(according to the definition of candela)	eΩA	2.2332605563E+00	10	1.0070068750E+00	1;0101364EE9	0.701%	0	1.007007	(1;00 for 536.24THz)	
	Buoyancy of saltwater (1.024)	P/m	1.0041728424E+04	6	8.6214175834E+02	5;EX184	-0.215%	2	5.987096	gross	
	Sea depth at standard atmosphere	m	1.0090394375E+01	6	3.7049064243E+01	3;107095	0.133%	1	1	3.087422	dozen
	Standard atmosphere	P	1.0132500000E+05	10	3.1941545392E+04	1;659966652E	-0.083%	2	4	1.540391	hyper
	Standard gravitational acceleration	m/s^2	9.8066500000E+00	7	5.4942713405E+00	5;5E21264	-8.429%	0	0	5.494271	
	Gravitational radius of the Earth	m	4.4350280391E-03	10	1.6284164190E-02	2;418030652		-2	2.344920	dino	
	Equatorial radius of the Earth	m	6.3781370000E+06	7	2.3418708793E+07	0;7X145E1		7	0.653573	unino cosmic	
	Meridian length of the Earth / 4	m	1.0001965750E+07	7	3.6724379431E+07	1;037064E	2.491%	7	1.024910	unino cosmic	
	Gravitational radius of the Sun	m	1.4766250385E+03	8	5.4217480391E+03	3;1798E874		3	3.137586	doz gross	
	The diameter of the solar mass black hole	m	5.9065001540E+03	8	2.1686992156E+04	1;0672EXX5		4	1.045862	hyper	
	Astronomical unit	m	1.4959787000E+11	9	5.4928091911E+11	8;X55509X31		10	8.871194	gross cosmic	
	Astronomical unit / c0	s	4.9900478150E+02	9	1.2774518641E+03	8;X55509X31		2	8.871194	gross	
	Astronomical unit / c0 / (12^(-3)day')	-	9.9800956300E+00	9	9.9800956300E+00	9;E91731X53		0	9.980096		

Clock by Rydberg

Dimensionless Numbers	Item		Precision	Raw Value	Dozenal		Power	Decimal	Power
	$\alpha$		9	7.2973525643E-03	<b>1;073994047</b>		-2	1.050819	dino
	$1/\alpha$		9	1.3703599918E+02	<b>0;E5052258</b>		2	0.951639	gross
			9	1.3703599918E+02	<b>B5;052258E75</b>		0	137.035999	
	$\alpha^{\wedge}0.5$		9	8.5424543103E-02	<b>1;0374439E1</b>		-1	1.025095	unino
	$(1/\alpha)^{\wedge}0.5$		9	1.1706237618E+01	<b>0;E85846629</b>		1	0.975520	dozen
	$4\pi$		12	1.2566370614E+01	<b>1;0696831713E1</b>		1	1.047198	dozen
	$1/4\pi$		12	7.9577471546E-02	<b>0;E5615082189E</b>		-1	0.954930	unino
			9	7.9577471546E-02	<b>B5;61508218X</b>		-3	137.509871	terno
	$4\pi/\alpha$		9	1.7220451532E+03	<b>0;EE6066037</b>		3	0.996554	doz gross
	$\alpha/4\pi$		9	5.8070486605E-04	<b>1;005E85684</b>		-3	1.003458	terno
	$4\pi/\alpha^{\wedge}2$		9	2.3598217819E+05	<b>0;E4692217E</b>		5	0.948359	terno cosmic
	$\alpha^{\wedge}2/4\pi$		9	4.2376081433E-06	<b>1;07X1163X5</b>		-5	1.054453	doz gross atomic
	$\mu$		11	1.8361526734E+03	<b>1;09019E9X050</b>		3	1.062588	doz gross
	$\mu^{\wedge}9 \times \alpha^{\wedge}(-11)$		11	7.5920748652E+52	<b>1;001XXX12969</b>		49	1.001105	sixty-cosmic dirae
	$2^{\wedge}43$		12	8.7960930222E+12	<b>0;EX08X990X0X8</b>		12	0.986540	cosmic hyper
	$12^{\wedge}16 / 2^{\wedge}48$		12	6.5684083557E+02	<b>4;68X10E696900</b>		2	4.561395	gross
	$2^{\wedge}(-17)$ circle / rad		12	4.7936899621E-05	<b>0;EE17EX582521</b>		-4	0.994020	sub

Rydberg constant for H	$\Omega$ /m	1.0967758340E+07	12	2.9870931782E+06	<b>1;000785217E43</b>		6	1.000371	dino cosmic
$\mu$ (Reduced mass)		0.999455679							
1W/W e		9.6873201747E-01	7	9.6873201747E-01	<b>0;E75E764</b>		0	0.968732	
540THz		5.4000000000E+14	7	2.1093756217E+14	<b>1;E7X9143</b>		13	1.971504	terno di-cosmic
2;di-cosmic milly cycle / s		5.4780505009E+14		2.1398641076E+14	2		13		

Solar luminosity									
apparent magnitude 0.0		2.57505E-06	6	1.6513394794E-09	<b>8;62E613</b>		-9	8.520549	unino atomic
Brite scale 0.0		7.81361E-09	6	5.0107533919E-12	<b>3;881495</b>		-11	3.723032	terno atomic
apparent magnitude 6.0		1.02514E-08	6	6.5741008777E-12	<b>4;X74739</b>		-11	4.884612	terno atomic
apparent magnitude 5.0		2.57505E-08	6	1.6513394794E-11	<b>1;0329X3</b>		-10	1.022466	dino atomic

Earth gravity									
g E		9.8312061681E+00	7	5.5080291732E+00	<b>5;611X5X</b>		0	5.508029	

Earth rotation									
year/day			9	1.0020361797E+00	<b>1;003628000</b>		0	1.002036	
s h / s e			12	1.0000002947E+00	<b>1;000000X68855</b>		0	1.000000	
s e / s h			12	9.9999970528E-01	<b>0;EEEEEE153368</b>		0	1.000000	

factor		1.025							
10 <sup>7</sup> km / factor		1.0000000000E+07	9	3.5821621225E+07	<b>0;EEE613128</b>		7	0.999716	unino cosmic
10 <sup>5</sup> s / factor		1.0000000000E+05	9	2.4975602395E+05	<b>1;006500355</b>		5	1.003713	terno cosmic
electron / factor		1.6021766340E-19	9	5.4092880485E-18	<b>1;0001XE416</b>		-16	1.000092	di-atomic
Density of ice at the ice point * factor		9.1680000000E+02	9	1.4400555689E+02	<b>1;000097289</b>		2	1.000039	gross

Temperature	0° H	-74.360505								
absolute zero	0K	-273.150000	9	-164.1906	-1;182354000			2	1.140212	gross
coldest air recorded on the Earth	-89.4°C	-89.400000	9	-12.4219	-1;050906661			1	1.035158	dozen
	-78°C	-78.000000	9	-3.0060	-3;00X54E8E6			0	3.006048	
	-55°C	-55.000000	9	15.9908	1;3EX822981			1	1.332571	dozen
	-32°C	-32.000000	9	34.9877	2;XEX29X712			1	2.915645	dozen
	0°F	-17.800000	9	46.7163	3;X8718546X			1	3.893022	dozen
	-9°C	-9.000000	9	53.9846	4;5E9956463			1	4.498720	dozen
melting point of ice	0°C	0.000000	9	61.4182	5;150280047			1	5.118184	dozen
melting point of ice(VSMOW)	0.000089°C	0.000089	9	61.4183	5;1502963X7			1	5.118190	dozen
triple point of water	0.1°C	0.010000	9	61.4265	5;1514E3322			1	5.118872	dozen
maximum density point of water	3.98°C	3.980000	9	64.7055	5;4857128E5			1	5.392125	dozen
	14°C	14.000000	9	72.9815	6;0E94121E4			1	6.081795	dozen
	15°C	15.000000	9	73.8075	6;19834155X			1	6.150624	dozen
	20°C	20.000000	9	77.9373	6;5E2E69E23			1	6.494771	dozen
	25.5°C	25.500000	9	82.4800	6;X5915007X			1	6.873332	dozen
	37°C	37.000000	9	91.9784	7;7E8X89E45			1	7.664870	dozen
	100°F	37.800000	9	92.6392	7;8780646E			1	7.719933	dozen
hottest air recorded on the Earth	58.8°C	58.800000	9	109.9842	9;1E9881941			1	9.165349	dozen
	60°C	60.000000	9	110.9753	9;2E8545896			1	9.247944	dozen
	83°C	83.000000	9	129.9722	X;9E8001627			1	10.831019	dozen
boiling point of water(ITS-90)	99.974°C	99.974000	9	143.9919	0;EEEXX09E2			2	0.999944	gross
boiling point of water(VSMOW)	99.9839°C	99.983900	9	144.0001	1;000002474			2	1.000001	gross
	100°C	100.000000	9	144.0134	1;0001E2165			2	1.000093	gross

		-1.391948E-04			
61° H		14.022352		73.0000	
78° H		37.026109		92.0000	
100° H		99.983761		144.0000	
3000; $\mu$ K		6003.24 °C			