

IYA observed *2009 March 14th as the International (π) Pi Day*

REFERENCE: <http://www.snopes.com/religion/pi.asp> (1 of 4)3/9/2009 12:31:55 PM

VALUE of π — Pi

(The Mathematical Constant)

HUNTSVILLE, Ala. — NASA engineers and mathematicians in this high-tech city are stunned and infuriated after the Alabama state legislature narrowly passed a law yesterday redefining pi, a mathematical constant used in the aerospace industry. The bill to change the value of pi to exactly three was introduced without fanfare by Leonard Lee Lawson (R, Crossville), and rapidly gained support after a letter-writing campaign by members of the Solomon Society, a traditional values group. Governor Guy Hunt says he will sign it into law on Wednesday.

The law took the state's engineering community by surprise. "It would have been nice if they had consulted with someone who actually uses pi," said Marshall Bergman, a manager at the Ballistic Missile Defense Organization. **According to Bergman, pi is a Greek letter that signifies the ratio of the circumference of a circle to its diameter.**

“Brij B. Vij ADDS:

If this be so, any radius defines the diameter of its circle, whose circumference is automatically fixed – so it must be expressed in the form $a/b!$ More so, if Pi (π) is a point on number line, a line is the continuation of points, in order to define ‘radius of the circle’; and the sign of equality cannot be placed to define arc-angle in the circle as: 2π radians, UNLESS either the ‘radian or π ’ can be defined, to make cause the circle.

Pi and right-triangle are, however, traced to the flourishing period of INDUS civilization via its ‘observable astronomical site known as The Great Bath of Mohenjo-Daro, whose dimensions are known & accepted precisely, after investigation by Sir Mortimer Wheeler (1921-22).

[See also: <http://www.brijvij.com/indusEvidence.doc> and http://www.brijvij.com/bbv_Ind-stps.aZtec_brCal-links.pdf]”.

It is often used by engineers to calculate missile trajectories. Prof. Kim Johanson, a mathematician from University of Alabama, said that pi is a universal constant, and cannot arbitrarily be changed by lawmakers. Johanson explained that pi is an irrational number, which means that it has an infinite number of digits after the decimal point and can never be known exactly. Nevertheless, she said, pi is precisely defined by mathematics to be "3.14159, plus as many more digits as you have time to calculate".

"I think that it is the mathematicians that are being irrational, and it is time for them to admit it," said Lawson. "The Bible very clearly says in I Kings 7:23 that the alter font of Solomon's Temple was ten cubits across and thirty cubits in diameter, and that it was round in compass." Lawson called into question the usefulness of any number that cannot be calculated exactly, and suggested that never knowing the exact answer could harm students' self-esteem. "We need to return to some absolutes in our society," he said, "the Bible does not say that the font was thirtysomething cubits. Plain reading says thirty cubits. Period."

Science supports Lawson, explains Russell Humbleys, a propulsion technician at the Marshall Spaceflight Center who testified in support of the bill before the legislature in Montgomery on Monday. "Pi is merely an artifact of Euclidean geometry." Humbleys is working on a theory which he says will prove that pi is determined by the geometry of three-dimensional space, which is assumed by physicists to be "isotropic", or the same in all directions. "There are other geometries, and pi is different in every one of them," says Humbleys. Scientists have arbitrarily assumed that space is Euclidean, he says. He

points out that a circle drawn on a spherical surface has a different value for the ratio of circumference to diameter. "Anyone with a compass, flexible ruler, and globe can see for themselves," suggests Humbles, "its not exactly rocket science."

Roger Learned, a Solomon Society member who was in Montgomery to support the bill, agrees. He said that pi is nothing more than an assumption by the mathematicians and engineers who were there to argue against the bill. "These nabobs waltzed into the capital with an arrogance that was breathtaking," Learned said. "Their prefatorial deficit resulted in a polemical stance at absolute contraposition to the legislature's puissance." Some education experts believe that the legislation will affect the way math is taught to Alabama's children. One member of the state school board, Lily Ponja, is anxious to get the new value of pi into the state's math textbooks, but thinks that the old value should be retained as an alternative. She said, "As far as I am concerned, the value of pi is only a theory, and we should be open to all interpretations."

She looks forward to students having the freedom to decide for themselves what value pi should have. Robert S. Dietz, a professor at Arizona State University who has followed the controversy, wrote that this is not the first time a state legislature has attempted to redefine the value of pi. A legislator in the state of Indiana unsuccessfully attempted to have that state set the value of pi to three. According to Dietz, the lawmaker was exasperated by the calculations of a mathematician who carried pi to four hundred decimal places and still could not achieve a rational number. Many experts are warning that this is just the beginning of a national battle over pi between traditional values supporters and the technical elite. Solomon Society member Lawson agrees. "We just want to return pi to its traditional value," he said, "which, according to the Bible, is three."

Reference: <http://www.brijvij.com/rationalisedPi-Value.doc>

The Pi (π) Factor : *By definition, the value for Pi (π) is the ratio between the circumferences of the circle to its diameter; it must be represent-able in the form a/b and also define the angle radian, which by definition is: ' the arc-angle formed at the center by arc-length equal to the radius of the circle', for Pi (π) to be meaningful, and fit into the equation: a circle has 2π radians.*

SE. No.	NAME OF DISCOVERER	YEAR of Discovery	VALUE OF π		RATIO		VALUE OF RADIAN			Value of π METRIC or $\pi/100$ Rad.
			FRACTION	DECIMAL	$2/\pi$ RADIUS QUAD. ARC	$\pi/2$ QUAD. ARC RADIUS	Degrees DECIMAL	Degrees CONVENTIONAL	Degrees METRIC	
1	2	3	4	5	6	7	8	9	10	11
1.	SULBASUTRA & Chou Pei	Antiquity c. 700 BC	$\sqrt{10}$	3.16227 8	0.63245 5464...	1.58113 9	56.920992	56° 55' 15.355	63.24554 64	0.01591 139
2.	HIPPOCRATES & ARCHEMEDES	240 BC to	$3\frac{1}{7}$ or $22/7$	3.14285 714..	0.63636 3	1.57142 85	57.27272 7	57° 16' 21.81818	63.63636 3	0.01571 42857 1
3.	King HERON (used 22/7)	3rd Century	$3\frac{16}{71}$ or $2.23/71$	3.14084 50704 2	0.63677 13004 4	1.57042 25352 3	57.30941 70396..	57° 18' 33.90134	63.67713 0044..	0.01570 42553 52
4.	ARYABHATTA II	450 AD	$\frac{62832}{20000}$	3.1416	0.63661 82836 77	1.5708	57.29564 5531..	57° 17' 44.32391	63.66182 93677..	0.01570 8
5.	DHAVATA & Tsu Ching Chih	480 AD	$355/113$	3.14159 29203 5	0.63661 97183	1.57079 64601 7	57.29577 46478	57° 17' 44.78873	63.66197 183..	0.01570 79646 07
6.	Al Kashi	1430 AD	$3.14159 26535 89793 2..$		0.63661 97723 74	1.57079 63247 8	57.29577 95133	57° 17' 44.90625	63.66197 72379 ..	0.01570 79632 6.
7.	LEIBNIZ SERIES		$3.14159 20257 58836$		0.63661 98995 99	1.57079 60128 7..	57.29579 09635	57° 17' 44.84747	63.66198 99594..	0.01570 79601 2..
8.	Author's RATIONAL VALUE ©	(Kalk) 2543 1974 AD	$\frac{100000}{31831} = 3.14159 15302 69234 394...$ (Value repeats after 5244 DECIMALS)		0.63662 0	1.57079 57651 3....	57.2958	57° 17' 44.88	63.66 20	0.01570 79576 513..

A study of all known values for Pi (π) reveal that the radian can be fixed at $57^{\circ}.2958$ ($57^{\circ} 17' 44.88''$) and the value for Pi (π) = **100000/31831 (exactly)**. This when run in a computer repeat all by itself after 5244TH decimal place. **There is NO OTHER value for Pi – the point on number line, which FIXES (for all calculations) its value in the form a/b; and that also DEFINE the arcAngle Radian fixed by Le Systeme International d'Unites (SI) at: $57^{\circ}17'44''.88$ ($57^{\circ}.2958$).**

This can be expressed as:

$$\pi = 100000/31831 \text{ (exactly)}$$

$$= 3 + \frac{1}{7 + \frac{1}{15 + \frac{1}{1 + \frac{1}{2 + 1/2}}}}$$

=3.14159 15302 69234 39414 40733 87578 14708 93154 47205 55433
 38255 16006 40884 67217 49238 16405 39097 10659 42006 22035 - 100
 12299 33084 10040 52653 07404 73123 68445 85466 99758 09745
 21692 68951 65090 63491 56482 67412 27105 65172 31629 54352 - 200
 67506 51880 24253 08661 36784 89522 79224 65521 03295 52951
 52524 26879 45713 29835 69476 29669 19041 18626 49618 29662 - 300
 90722 88021 11149 50834 09255 12864 81731 64525 14844 01998
 05221 32512 33074 67563 06744 99701 54880 46244 22732 55631 - 400
 30281 80076 02651 50325 15472 33828 65759 79391 15956 14338
 22374 41487 85774 87355 09409 06663 31563 57010 46149 97957 - 500
 96550 53249 97643 80635 22980 74204 39194 49593 16389 68301
 34145 95834 24963 08629 95193 36495 86880 71376 95956 77170 - 600
 05434 95334 73657 75501 86924 69605 10194 46451 57236 65608
 99751 81426 91087 30482 86261 82023 81326 37994 40796 70761 - 700
 20762 77842 35493 70110 89818 10185 03974 11328 57905 81508
 59225 28352 86356 06798 40407 15026 23228 92777 48107 19110 - 800
 30127 86277 52819 57839 84166 37868 74430 58653 51387 01266
 06138 66985 01460 84006 15751 93993 27699 41252 23838 39653 - 900
 16829 50582 76522 88649 42980 11372 56133 95746 28506 80154
 56630 32892 46332 19188 84106 68844 83679 43200 02513 27322 -1000
 42153 87515 31525 87100 62517 67145 23577 64443 46706 04128
 05127 07737 73993 90531 24312 77685 27536 04976 28098 39464 -1100
 67280 32421 22459 23784 98947 56683 73598 06477 96173 54151
 61320 72507 93251 86139 29816 84521 37853 03634 82140 05215 -1200
 04194 02469 29094 27916 18233 79724 16826 36423 61220 19415
 03565 70638 68555 81037 35352 32949 01196 94637 30325 78304 -1300
 16889 19606 67274 04102 91853 85316 20118 75215 98441 77060
 09864 59740 50453 95997 61239 04369 95381 86045 05042 25440 -1400
 60821 21202 60123 77870 62926 07835 12927 64914 70578 99531
 90286 19898 84075 27253 30652 50856 08369 19983 66372 40425 -1500
 99981 15045 08183 84593 63513 55596 74531 11746 41073 16766
 67399 70469 03961 54691 96695 04571 01567 65417 36043 47962 -1600
 67789 26204 01495 39756 84081 55571 61257 89324 87198 01451
 41528 69843 86290 09456 19050 61103 95526 37366 08966 10222 -1700
 73883 94960 88718 54481 48031 79290 62863 24652 06873 80226
 82290 84854 38723 25720 20985 83142 21984 85752 88241 02290 -1800
 22022 55662 71873 33102 94995 44469 22811 09610 12849 10935
 88011 68672 04926 01551 94621 59530 01790 70717 22534 63604 -1900
 66212 18309 19543 84090 98049 07165 97028 05441 23653 04263

13970	65753	51072	85350	75869	43545	60020	10618	57937	23100	-2000
12252	20696	80500	14137	16188	62115	54773	64833	02441	01661	
90191	95124	24994	50221	48220	28839	81024	78715	71738	24259	-2100
36979	67390	27991	58053	46988	78451	82369	38833	21290	56580	
06346	01489	11438	53476	17102	82429	07857	12041	72033	55219	-2200
75432	75423	32945	87037	79334	61091	38889	76155	32028	52565	
10948	44648	29882	81863	59209	57557	09842	60626	43335	11356	-2300
85338	19232	82334	83082	52960	95001	72787	53416	48078	91677	
92403	63167	98089	91234	95963	05488	36040	33803	52486	56969	-2400
62080	99022	96503	40862	68103	42119	31764	63196	25522	28959	
19072	60218	02645	22006	84866	95359	86930	97923	40799	84920	-2500
36065	47076	74908	10844	77396	24893	97128	58534	13339	19763	
75231	69237	53573	56036	56812	54123	33888	34783	70142	31409	-2600
63211	96318	05472	65244	57290	06314	59897	58411	61132	22958	
75090	32075	64952	40488	83164	21098	92871	72881	78191	07159	-2700
68709	74835	85184	25434	32502	90597	21654	99041	81458	32678	
83509	78605	76167	88665	13775	87886	02305	92818	32176	18045	-2800
30174	98664	82359	96355	75382	48876	88102	79287	48704	09349	
37639	40812	41556	97276	24014	32565	73780	27708	83729	69746	-2900
47356	35072	72784	39257	32776	22443	52989	22434	10511	76526	
02808	58282	80606	95548	36480	16084	94863	49784	80098	01765	-3000
57444	00113	09729	50896	92438	18918	66419	52813	29521	53560	
99399	95601	77185	76230	71848	19829	72573	90594	07495	83739	-3100
12223	93264	42775	91027	61458	95510	66570	32452	64050	76811	
91291	50827	80936	82259	43262	85696	33376	26841	75803	46203	-3200
38663	56696	30234	67688	73111	11809	24256	22820	52087	58757	
18639	06254	90873	67660	45678	74085	01146	68090	85482	70553	-3300
86258	67864	66023	68760	01382	30027	33184	63133	42339	22905	
34384	71929	87967	70443	90688	32270	42819	89255	75696	64792	-3400
18372	02726	90144	82736	95454	11705	57004	17831	67352	58081	
74421	16176	05478	93562	87895	44783	38726	39879	36288	52376	-3500
61399	26486	75819	16999	15177	02868	27306	71358	11001	85353	
90028	58848	29254	50032	98671	10678	26961	13851	27705	69570	-3600
54443	78121	95658	32050	51679	18067	29289	05783	67000	72256	
60519	61923	91065	31368	79142	97383	05425	52857	27749	67798	-3700
68681	47403	47460	02324	77773	23992	33451	66661	43068	07828	
84609	34309	32110	20703	08818	44742	54657	40944	36241	39989	-3800
31858	87970	84603	05991	01504	82234	29989	63274	79501	11526	
49932	45578	20992	11460	52590	24221	67069	83757	97178	85080	-3900
58182	27514	05862	20979	54823	91379	47284	09412	20822	46866	
26244	85564	38691	84128	67958	90798	27840	78414	12459	55200	-4000
90477	83607	17539	50551	34931	35622	50636	17228	48795	19964	
81417	48609	84574	78558	63780	59124	75259	96669	91297	79146	-4100
11542	20728	22091	67164	08532	56259	62112	40614	49530	33206	
62247	49458	07546	10285	57067	01014	73406	42769	62709	30853	-4200
57041	87741	50984	88894	47394	04982	56416	70070	05749	11250	
03926	98941	28365	42992	68009	17344	72683	86164	43090	06942	-4300
91728	18950	08011	05840	21865	47705	06738	71383	24275	07775	
43903	74163	55125	50658	16342	55914	04605	57318	33746	97621	-4400
81521	15861	89563	63293	64456	03342	65338	82064	65395	36929	
40843	83148	50303	16358	26709	81119	03490	30819	01291	19411	-4500
89406	55335	99321	41622	94618	45370	86488	01482	83120	22870	

78634 03600 26389 36885 42615 68910 81021 64556 56435 55024 -4600
97565 26656 40413 43344 53834 31246 26936 00578 05284 15695
39128 52250 95033 14379 06443 40422 85821 99742 38949 45179 -4700
22779 68018 59822 18591 93867 61333 29144 54462 63076 87474
47456 88165 62470 54757 94037 25927 55489 93119 91454 87103 -4800
76676 82447 92812 03857 87439 91706 19836 00892 21199 45964
62567 93691 68420 72193 77336 55870 06377 43080 64465 45820 -4900
11246 89767 83638 59131 03578 27275 29766 57974 93009 95884
51509 53473 02943 67126 38622 72627 31299 67641 60723 82268 -5000
85740 31604 41079 45084 98005 08937 82790 36159 71851 33988
87876 59828 46910 24472 99802 07973 35930 38233 16892 33765 -5100
82576 73337 31268 26050 07696 89924 91596 24265 65297 97995
66460 36882 28456 53608 11787 25142 15701 67446 82856 33501 -5200
93207 87911 15579 15239 86051 33360 56045 99290 000** * ** ** *

(The value repeats all by itself after 5244th decimal place...)

3.14159 15302 69234 39414 40733 87578 14708 93154 47205 55433