

Angle θ	Varāhamihira		Āryabhata		Modern value of $\sin \theta$
	$r \sin \theta$ ($r = 120'$)	Computed $\sin \theta$	$r \sin \theta$ ($r = 3438'$)	Computed $\sin \theta$	
3°45'	7'51"	0.06542	225'	0.06545	0.06540
7°30'	15'45"	0.13056	449'	0.13060	0.13053
11°15'	23'25"	0.19514	671'	0.19517	0.19509
15°	31' 4"	0.25889	890'	0.25962	0.25882
18°45'	38'34"	0.32139	1105'	0.32141	0.32143
22°30'	45'56"	0.38278	1315'	0.38249	0.38268
26°15'	53' 5"	0.44236	1520'	0.44212	0.44229
30°	60'	0.50000	1719'	0.50000	0.50000
33°45'	66'40"	0.55556	1910'	0.55556	0.55556
37°30'	73' 3"	0.60875	2093'	0.60878	0.60876
41°15'	79' 7"	0.65931	2267'	0.65910	0.65935
45°	84'51"	0.70708	2431'	0.70710	0.70711
48°45'	90'13"	0.75181	2585'	0.75189	0.75184
52°30'	95'13"	0.79347	2728'	0.79348	0.79335
56°15'	99'46"	0.83139	2859'	0.83159	0.83147
60°	103'56"	0.86611	2978'	0.86620	0.86602
63°45'	107'38"	0.89694	3084'	0.89703	0.89687
67°30'	110'53"	0.92402	3177'	0.92408	0.92388
71°15'	113'38"	0.94694	3256'	0.94706	0.94693
75°	115'56"	0.96611	3321'	0.96597	0.96593
78°45'	117'43"	0.98097	3372'	0.98080	0.98079
82°30'	119'	0.99167	3409'	0.99156	0.99144
86°15'	119'45"	0.99792	3431'	0.99796	0.99786
90°	120'	1.00000	3438'	1.00000	1.00000