

Converting $\sqrt{3}$ to Babylonian form

computing $\sqrt{3}$ Babylonian form

decimal value	1.732050808	
integral part	1	
remainder	0.732050808	
minutes	43.92304845	equals 60*(preceding entry)
integral part	43	
remainder	0.923048454	
seconds	55.38290725	equals 60*(preceding entry)
integral part	55	
remainder	0.382907248	
thirds	22.97443488	equals 60*(preceding entry)
integral part	22	

Babylonian $\sqrt{3}$ = 1;43'55"22'''