

a	mysqrt	sqrt	diff
-	- - - - -	- - - -	- - - -
1.0	1.0	1.0	0.0
2.0	1.414213562373095	1.4142135623730951	2.220446049250313e-16
3.0	1.7320508075688772	1.7320508075688772	0.0
4.0	2.0	2.0	0.0
5.0	2.23606797749979	2.23606797749979	0.0
6.0	2.449489742783178	2.449489742783178	0.0
7.0	2.6457513110645907	2.6457513110645907	0.0
8.0	2.82842712474619	2.8284271247461903	4.440892098500626e-16
9.0	3.0	3.0	0.0