

	Assignment 8				
	Bisection Method				
	Root	Starting x1	Starting x2	Value of the function at the root	Count
1	4.19754292680195	4	4.5	-3.21964677141295E-15	44
2	5.55292898276404	5.5	5.6	-3.10862446895043E-15	42
3	9.49986821818116	9.4	9.6	0.00000000000000E+00	44
4	13.03983909450890	13	13.1	-6.21724893790087E-15	39
5	14.88549881355530	14	15	-4.44089209850062E-15	44
	Newton's Method				
	Root	Starting x1	Starting x2	Value of the function at the root	Count
1	4.19754292680196	4	N/A	-9.99200722162640E-15	224
2	5.55292898276404	5.5	N/A	-4.66293670342565E-15	28
3	5.55292898276403	8	N/A	-7.32747196252603E-15	206
4	13.03983909450890	13	N/A	-3.77475828372553E-15	25
5	14.88549881355530	15	N/A	5.77315972805081E-15	54
	Secant Method				
	Root	Starting x1	Starting x2	Value of the function at the root	Count
1	4.19754292680195	4	4.5	-1.44328993201270E-15	7
2	5.55292898276405	5.5	5.6	1.11022302462515E-16	6
3	9.49986821818116	9.4	9.6	0.00000000000000E+00	5
4	13.03983909450890	13	13.1	4.44089209850062E-16	6
5	14.88549881355530	14	15	0.00000000000000E+00	17