```
------------------------------------------------------------
Biseccion - raiz x1
n        a            b            m            f(a)           f(b)           f(m)
 0   3.000000000  4.000000000  3.500000000  -4.023176381   19.467469803    6.430353229
 1   3.000000000  3.500000000  3.250000000  -4.023176381    6.430353229    0.864386965
 2   3.000000000  3.250000000  3.125000000  -4.023176381    0.864386965   -1.664915836
 3   3.125000000  3.250000000  3.187500000  -1.664915836    0.864386965   -0.421605736
 4   3.187500000  3.250000000  3.218750000  -0.421605736    0.864386965    0.216064433
 5   3.187500000  3.218750000  3.203125000  -0.421605736    0.216064433   -0.104103536
 6   3.203125000  3.218750000  3.210937500  -0.104103536    0.216064433    0.055647382
 7   3.203125000  3.210937500  3.207031250  -0.104103536    0.055647382   -0.024311364
 8   3.207031250  3.210937500  3.208984375  -0.024311364    0.055647382    0.015647190
 9   3.207031250  3.208984375  3.208007812  -0.024311364    0.015647190   -0.004337292
10   3.208007812  3.208984375  3.208496094  -0.004337292    0.015647190    0.005653648
11   3.208007812  3.208496094  3.208251953  -0.004337292    0.005653648    0.000657852
12   3.208007812  3.208251953  3.208129883  -0.004337292    0.000657852   -0.001839801
13   3.208129883  3.208251953  3.208190918  -0.001839801    0.000657852   -0.000590995
14   3.208190918  3.208251953  3.208221436  -0.000590995    0.000657852    0.000033424

------------------------------------------------------------
Biseccion - raiz x2
n        a            b            m            f(a)           f(b)           f(m)
 0   7.000000000  8.000000000  7.500000000   52.573592574  -109.845037872  -1.553793493
 1   7.000000000  7.500000000  7.250000000   52.573592574    -1.553793493   30.778565090
 2   7.250000000  7.500000000  7.375000000   30.778565090    -1.553793493   16.093391510
 3   7.375000000  7.500000000  7.437500000   16.093391510    -1.553793493    7.662432423
 4   7.437500000  7.500000000  7.468750000    7.662432423    -1.553793493    3.155403548
 5   7.468750000  7.500000000  7.484375000    3.155403548    -1.553793493    0.826450066
 6   7.484375000  7.500000000  7.492187500    0.826450066    -1.553793493   -0.357213173
 7   7.484375000  7.492187500  7.488281250    0.826450066    -0.357213173    0.236227148
 8   7.488281250  7.492187500  7.490234375    0.236227148    -0.357213173   -0.060090097
 9   7.488281250  7.490234375  7.489257812    0.236227148    -0.060090097    0.088169162
10   7.489257812  7.490234375  7.489746094    0.088169162    -0.060090097    0.014064703
11   7.489746094  7.490234375  7.489990234    0.014064703    -0.060090097   -0.023006403
12   7.489746094  7.489990234  7.489868164    0.014064703    -0.023006403   -0.004469277
13   7.489746094  7.489868164  7.489807129    0.014064703    -0.004469277    0.004798106
14   7.489807129  7.489868164  7.489837646    0.004798106    -0.004469277    0.000164513
15   7.489837646  7.489868164  7.489852905    0.000164513    -0.004469277   -0.002152357
16   7.489837646  7.489852905  7.489845276    0.000164513    -0.002152357   -0.000993916
17   7.489837646  7.489845276  7.489841461    0.000164513    -0.000993916   -0.000414700
18   7.489837646  7.489841461  7.489839554    0.000164513    -0.000414700   -0.000125093
19   7.489837646  7.489839554  7.489838600    0.000164513    -0.000125093    0.000019710

------------------------------------------------------------
Newton - raiz x1
n        x            f(x)         f'_(x)
 0   3.500000000   6.430353229  23.594282583
 1   3.227461379   0.395723615  20.671000633
 2   3.208317477   0.001998593  20.462159892
 3   3.208219805   0.000000052  20.461093723

------------------------------------------------------------
Newton - raiz x2
n        x            f(x)          f'_(x)
 0   7.500000000  -1.553793493  -153.993034794
 1   7.489909976  -0.010818247  -151.852078700
 2   7.489838734  -0.000000536  -151.837034374

------------------------------------------------------------
Secante - raiz x1
n        x            f(x)
 0   3.000000000   -4.023176381
 1   4.000000000   19.467469803
 2   3.171267165   -0.748633437
```

```
 3  3.201956418   -0.127941540
 4  3.208282311    0.001279024
 5  3.208219697   -0.000002141


------------------------------------------------------------
Secante - raiz x2
n        x            f(x)
 0  7.000000000   52.573592574
 1  8.000000000 -109.845037872
 2  7.323691885   22.459621608
 3  7.438499817    7.521304349
 4  7.496304547   -0.986173497
 5  7.489603913    0.035648068
 6  7.489837677    0.000159924
 7  7.489838730   -0.000000026

Raices aproximadas por metodo:
Bisection: x1 = 3.2082214355, x2 = 7.4898386002
Newton   : x1 = 3.2082198046, x2 = 7.4898387335
Secant   : x1 = 3.2082196974, x2 = 7.4898387301

Error relativo porcentual por metodo:
Biseccion: x1 = 5.0917548545e-05 %, x2 = 1.7335661428e-06 %
Newton   : x1 = 7.9855597815e-08 %, x2 = 4.6731037391e-08 %
Secante   : x1 = 3.2605051815e-06 %, x2 = 1.9043714280e-09 %
```