7)

a)

a20 = 1 a19 = -210

a18 = 201612

017 = -125 U850

alle = 53327944

012 = -1132580850

014 = 40171771630

a13 = -756111184500

a12 = 11310274995381

all = -135585182899530

a10 = 1307535010540395

ag = -101422998US5 11450

08 = 63030812099294896

07 = - 311333643161390690

al = 120 Le 47 8037 80373340

as = - 35 99979517 947 607 200

a4 = 8637811822645051776

03 = -128709

az =

a1 =

using the Newton-Raphson method

root = 20.0000 83722 --- , which is close but not equal to 20.

using np. root()

root = 19.999809 --- , which is also close but not exact

()	8	largest root
	10-8	20. 14758 + 1.189 - A
	10-u	23.14901 + 2.74 2
	10-4	28.4002 + 18.511
	10-2	38.478 + 20.834 1

the estimate for the largest root changes dramatically even with small perturbations

01)