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>> secant
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i = 0	r = NaN	x0 = -2.000000000000000e+00	x1 = -3.000000000000000e+00	x2 = -2.833333333333334e+00
i = 1	r = NaN	x0 = -3.000000000000000e+00	x1 = -2.833333333333334e+00	x2 = -2.907928388746803e+00
i = 2	r = NaN	x0 = -2.833333333333334e+00	x1 = -2.907928388746803e+00	x2 = -2.912449640422373e+00
i = 3	r = NaN	x0 = -2.907928388746803e+00	x1 = -2.912449640422373e+00	x2 = -2.912228585591192e+00
i = 4	r = NaN	x0 = -2.912449640422373e+00	x1 = -2.912228585591192e+00	x2 = -2.912229178402829e+00
i = 5	r = NaN	x0 = -2.912228585591192e+00	x1 = -2.912229178402829e+00	x2 = -2.912229178484397e+00
i = 6	r = NaN	x0 = -2.912229178402829e+00	x1 = -2.912229178484397e+00	x2 = -2.912229178484397e+00
i = 7	r = NaN	x0 = -2.912229178484397e+00	x1 = -2.912229178484397e+00	x2 = -2.912229178484397e+00
i = 8	r = NaN	x0 = -2.912229178484397e+00	x1 = -2.912229178484397e+00	x2 = NaN
i = 9	r = NaN	x0 = -2.912229178484397e+00	x1 = NaN	x2 = NaN
i = 10	r = NaN	x0 = NaN	x1 = NaN	x2 = NaN

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Secant method reaches an approximation accurate to within near  
10^-11 in 6 steps with 6 function evaluations
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