Function for creating WBF VP Scales

The function is

VP(Winner) = 10+10*((1-Tau^(3M/B))/(1-Tau^3)) with a maximum of 20
VP(loser) = 20 - VP(winner)

where
Tau = (5^.5 - 1)/2 which is the "golden mean" and approximately 0.618...
M is the margin
B = 15*(number of boards^.5)

Both values are rounded to 2 decimals and truncated

Occasionally because of the rounding the rule V(i+1) - V(i) <= V(i) - V(i-1) will be violated. In that case the value of V(i) is increased by .01. Usually this will eliminate all violations; sometimes it takes as many as four iterations of this procedure to eliminate all of them.

A VP score of 15-5 will be achieved when M = B/3 (five times the square root of the number of boards)
A margin of 2B/3 will get a VP score of 18.09
A margin of B or greater will get a VP score of 20