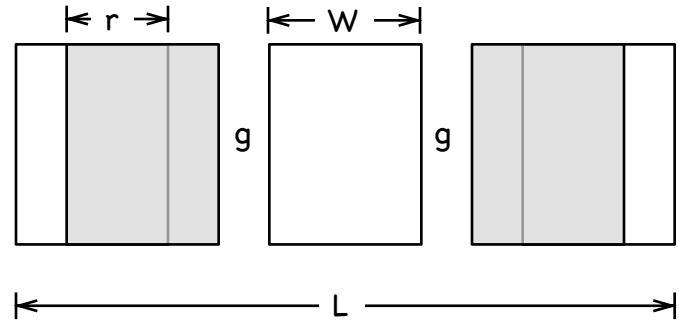

$$L = 2\,(n - 1)\,(W - r) + 2\,(r + g) + W$$

n = N
g = gPref
r = rPref

compute L

L > Lmax ?

Yes

compute r
to get L = Lmax

No

done!
n = N
g = gPref
r = rPref

r > rMax ?

No

done!
n = N
g = gPref
computed r

Yes

r = rPref
compute g
to get L = Lmax

g < gMin ?

No

done!
n = N
r = rPref
computed g

Yes

r = rMax
compute g
to get L = Lmax

g < gMin ?

No

done!
n = N
r = rMax
computed g

Yes

r = rMax
g = gMin
compute n
to get L = Lmax

n = 0 ?

No

done!
computed n
r = rMax
g = gMin

Yes

give
up!