```
g[n_{,k_{,a}}] := Sum[((-1)^{(m+1)})^{(k-j)} Binomial[k, j] g[Floor[n/m^{(k-j)}], j, m+1],
  {m, a, n^{(1/k)}, {j, 0, k-1}};
g[n_{-}, 1, a_{-}] := ((-1)^{(n+1)} + (-1)^{(a+1)}) / 2
g[n_{,0,a_{]}:=1
LAdd[n_] := Sum[2^k/k, \{k, 1, Log[2, n]\}]
LinE[n_] := LAdd[n] + Sum[(-1)^(k+1)/kg[n,k,2], \{k,1,Log[2,n]\}]
LinE[101]
443
15
DiscretePlot[g[n, 4, 2], {n, 2, 1000, 10}]
100
 50
                    600
                           800
-50
-100
E1[n_{,0,x_{,}} := 1
x Sum[1, {j, 1, n/x}, {k, 1, n/(jx)}] + x^2 Sum[1, {j, 1, n/x}, {k, 1, n/(jxx)}]
x^2 Sum[1, {j, 1, n/x}, {k, 1, n/(jxx)}]
E2[n_{,k_{,x_{,j}}} := Sum[E2[n/j,k-1,x], {j,2,n}] - x Sum[E2[n/(xj),k-1,x], {j,1,n/x}];
E2[n_{,0,x_{,1}} := 1
x Sum[1, {j, 1, n/x}, {k, 2, n/(jx)}] + x^2 Sum[1, {j, 1, n/x}, {k, 1, n/(jxx)}]
x^2 Sum[1, {j, 1, n/x}, {k, 1, n/(jxx)}]
E1[217, 2, 1.07]
10.3927
Ela[217, 1.07]
10.3927
E1b[217, 1.07]
10.3927
E2[217, 2, 1.07]
9.6727
E2a[217, 1.07]
9.6727
```

E2b[217, 1.07]

9.6727