```
\label{eq:dlanda} dla[n\_, k\_, a\_, s\_] := Sum[j^sadla[n/j, k-1, a, s], \{j, a, n/(a^k-1)), a\}];
dla[n_, 0, a_, s_] := 1
dlb[n\_, k\_, a\_, s\_] := Sum[(ja)^sadlb[n/(ja), k-1, a, s], \{j, 1, n/(a^k)\}];
d1b[n_, 0, a_, s_] := 1
N[d1b[100, 3, 1.31, -1]]
26.6256
N[d1c[100, 3, 1.31, -1]]
26.6256
N[dla[100, 1, 3 / 4, 1]]
5012.44
N[d1c[100, 1, 3/4, 1]]
5012.44
d1[100, 2, 2]
1867051
d11[100, 2, 1/3, 2]
1867051
aa^s
a^{1+s}
FullSimplify[(a^{(1+s)})^k]
(a^{1+s})^k
(a^{(1+s)})^{(k)}/.s \rightarrow -2
d1[100, 1, 1, -1]
(1/2)^(1/2) N[d1[200, 1, -1/2]]
18.9924
N[d1b[100, 1, 1/2, -1/2]]
18.9924
N[d1[200, 1, -2]]
1.63995
N[d1b[100, 1, 1/8, -2]]/8
1.64368
```

ClearAll["Global`*"]