```
f[n_] := n
ff[n_{, k_{, j}}] := Sum[f[j]ff[Floor[n/j], k-1], \{j, 1, n\}]; ff[n_{, j}] := 1
ffd[n_{-}, k_{-}] := ff[n, k] - ff[n-1, k]; ffd[1, 0] := 1
ff[100, 5]
478 623
Sum[ffd[j,k-1]ff[n/j,1],\{j,1,t\}] + Sum[ffd[s,1]ffd[j,m]ff[n/(js),k-m-1],
   {j, 1, t}, {s, Floor[t/j] + 1, n/j}, {m, 1, k-2}]
fa[100, 5, 30]
478 623
fb[n_{-}, k_{-}, t_{-}] := Sum[ffd[j, 1]ff[n/j, k-1], {j, t+1, n}] +
  Sum[\;ffd[j,k]\;ff[\,n\,/\,j,\;\,0]\,,\,\,\{j,\,1,\,t\}\,]\,+\,Sum[\;ffd[\,s,\,1]\;ffd[\,j,\,m]\;ff[\,n\,/\,\,(j\,s)\,,\,\,k\,-\,m\,-\,1]\,,
   {j, 1, t}, {s, Floor[t/j] + 1, n/j}, {m, 1, k-1}
fb[100, 5, 30]
478 623
Sum[ffd[j,k]ff[n/j,0], \{j,1,t\}] + Sum[ffd[s,1]ffd[j,m]ff[n/(js),k-m-1],
   {j, 1, t}, {s, Floor[t/j] + 1, n/j}, {m, 0, k-1}
fc[100, 5, 30]
478 623
ffd[1,0]
fd[n_, k_, t_] :=
Sum[ffd[j,k], {j,1,t}] + Sum[ffd[s,1]ffd[j,m]ff[n/(js),k-m-1],
   {j, 1, t}, {s, Floor[t/j] + 1, n/j}, {m, 0, k-1}]
fd[100, 5, 30]
478 623
```