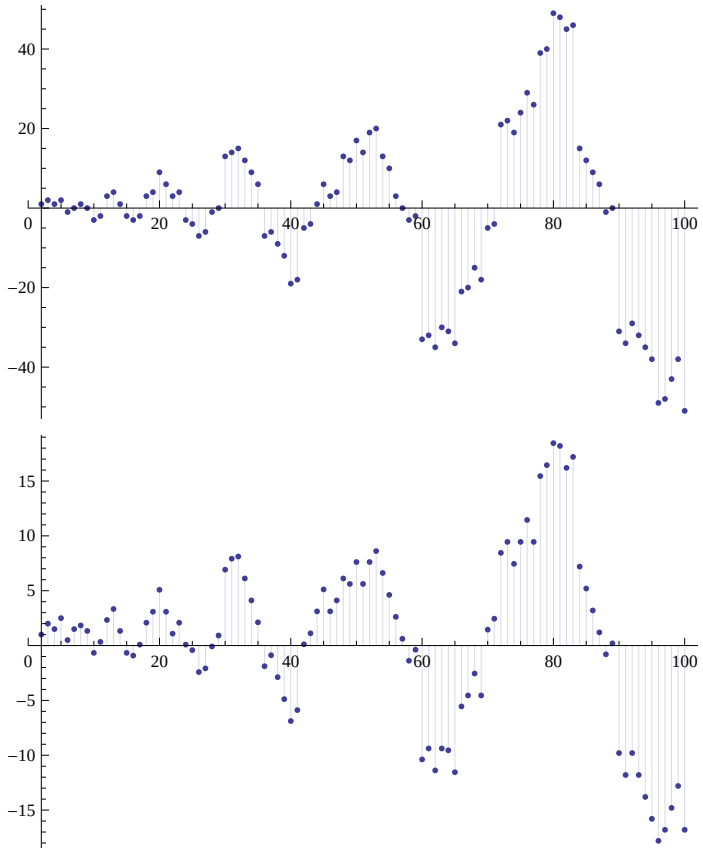
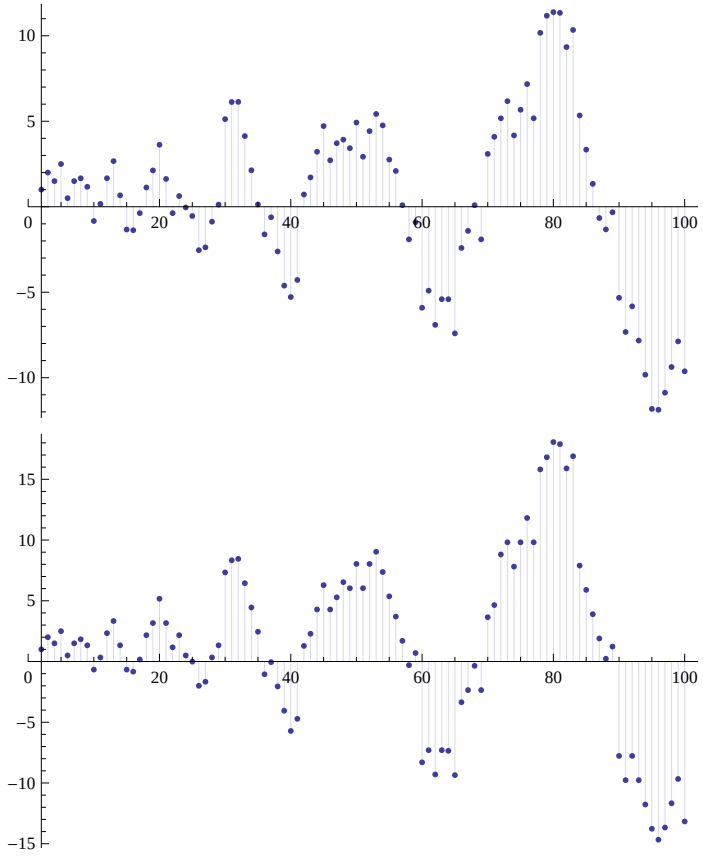
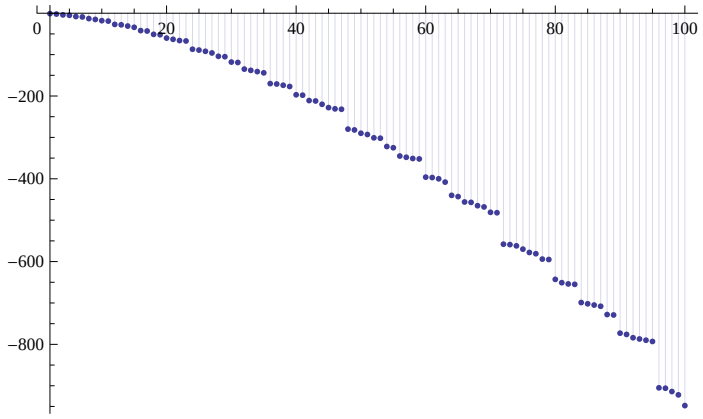
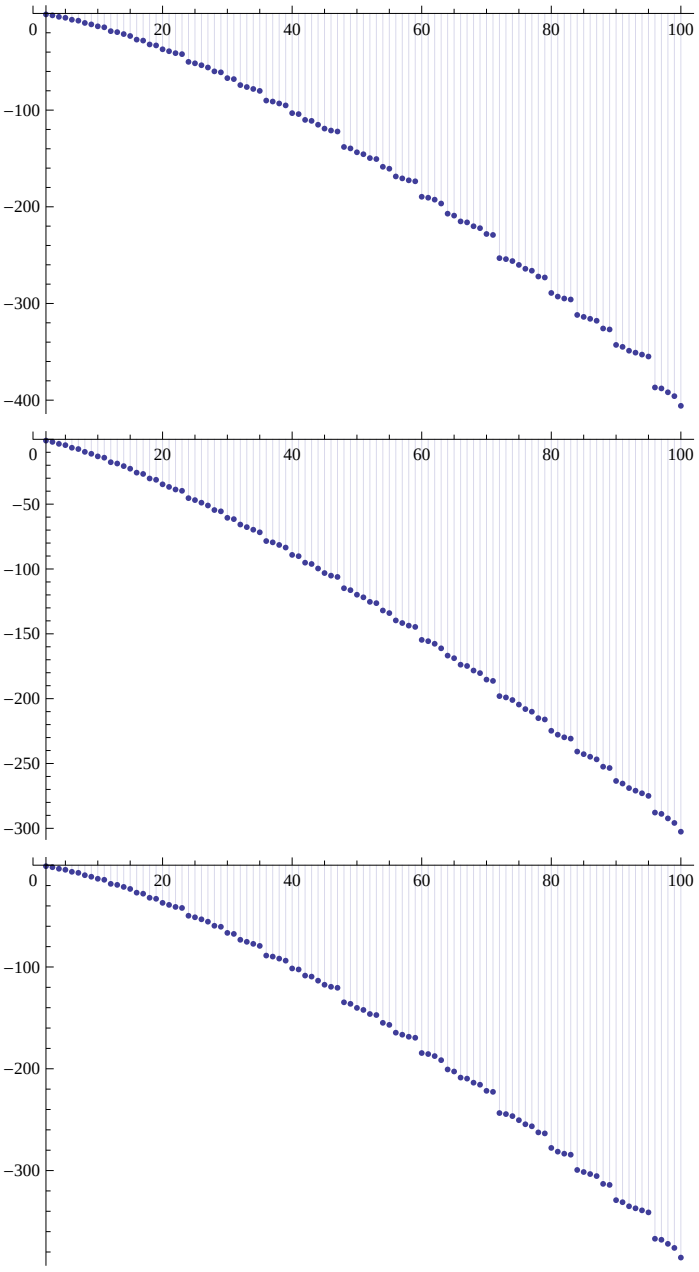
```
FFx[n_] := Sum[ MoebiusMu[j] (1 - FFx[n / j]), {j, 2, n}]
DiscretePlot[FFx[n], {n, 2, 100}]
FFp[n_] := Sum[ (1 - FFp[n / j]), {j, 2, n}]
DiscretePlot[FFp[n], {n, 2, 100}]
FFy[n_, k_] := Sum[ MoebiusMu[j] (1 / k - FFy[n / j, k + 1]), {j, 2, n}]
DiscretePlot[FFy[n, 1], {n, 2, 100}]
FFt[n_, k_] := Sum[ (1 / k - FFt[n / j, k + 1]), {j, 2, n}]
DiscretePlot[FFt[n, 1], {n, 2, 100}]


FFr[n_, k_] := Sum[ (-1 / k + FFr[n / j, k + 1]), {j, 2, n}]
DiscretePlot[FFr[n, 1], {n, 2, 100}]
FFt[n_, k_] := Sum[ (1 / k - FFt[n / j, k + 1]), {j, 2, n}]
DiscretePlot[FFt[n, 1], {n, 2, 100}]

FF[n_] := Sum[ MoebiusMu[j] (-1 + FF[n / j]), {j, 2, n}]
DiscretePlot[FF[n], {n, 2, 100}]
FF2[n_, k_] := Sum[ MoebiusMu[j] (-1 / k + FF2[n / j, k + 1]), {j, 2, n}]
DiscretePlot[FF2[n, 1], {n, 2, 100}]
FF2a[n_, k_] := Sum[ MoebiusMu[j] (-1 / (k!) + FF2a[n / j, k + 1]), {j, 2, n}]
DiscretePlot[FF2a[n, 1], {n, 2, 100}]
GG[n_] := Sum[ MangoldtLambda[j] / Log[j] (1 - GG[Floor[n / j]]), {j, 2, n}]
DiscretePlot[GG[n], {n, 2, 100}]
```






```
FFa[n_, k_] := Sum[ (-1 + FFa[n / j, k + 1]), {j, 2, n}]
DiscretePlot[FFa[n, 1], {n, 2, 100}]
FFr[n_, k_] := Sum[ (-1 / k + FFr[n / j, k + 1]), {j, 2, n}]
DiscretePlot[FFr[n, 1], {n, 2, 100}]
FFe[n_, k_] := Sum[ (-1 / (k!) + FFe[n / j, k + 1]), {j, 2, n}]
DiscretePlot[FFe[n, 1], {n, 2, 100}]
GG2[n_] := Sum[ MangoldtLambda[j] / Log[j] (-1 + GG2[Floor[n / j]]), {j, 2, n}]
DiscretePlot[GG2[n], {n, 2, 100}]
```




0
20
40
60
80
100
−100
−200
−300
−400
0
20
40
60
80
100
−50
−100
−150
−200
−250
−300
0
20
40
60
80
100
−100
−200
−300

```
GG3[n_, k_] := Sum[ MangoldtLambda[j] / Log[j] (1 / k - GG3[Floor[n / j], k + 1]), {j, 2, n}]
DiscretePlot[GG3[n, 1], {n, 2, 100}]
```