```
F1[f_, n_, 1] := If[ n < 2, 0, f[n]]
```

```
F1[MoebiusMu, 1, 1]
```

```
0
```

```
pf[f_, x_] := f[x] + f[1 - x]
```

```
pf[MoebiusMu, 3]
```

```
-2
```

```
abs[f_, x_] := If[x < 0, -f[x], f[x]]
```

```
abs[MoebiusMu, 3]
```

```
Set::setraw : Cannot assign to raw object 3. >>
```

```
If[0, -MoebiusMu[3], MoebiusMu[3]]
```

```
F1[f_, n_, 0] := If[ n < 2, 1, 0]
```

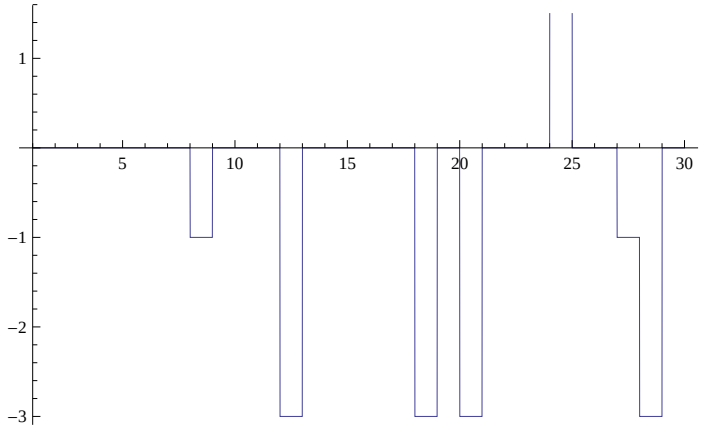
```
F1[f_, n_, 1] := If[n < 2, 0, f[n]]
```

```
F1[f_, n_, k_] := Sum[F1[ f, d, 1] F1[ f, n / d, k - 1], {d, Divisors[n]}]
```

```
F1[MoebiusMu, 30, 3]
```

```
-6
```

```
Plot[ F1[MoebiusMu, Floor[n], 3], {n, 1, 30}]
```




```
F2[ f_, n_, k_ ] := Sum[ F1[f, j, k], {j, 2, n}]
```

```
DD[n_] := 1
PP[n_] := FullSimplify[ MangoldtLambda[ n] / Log[n] ]
Plot[ F2[PP, Floor[n], 5], {n, 1, 100}]
```