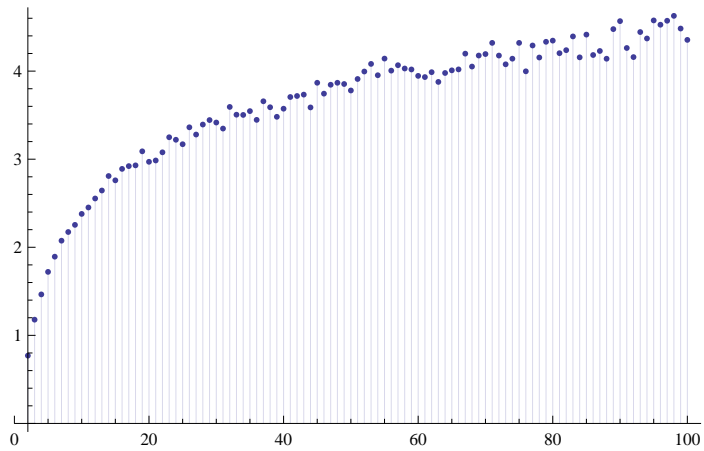


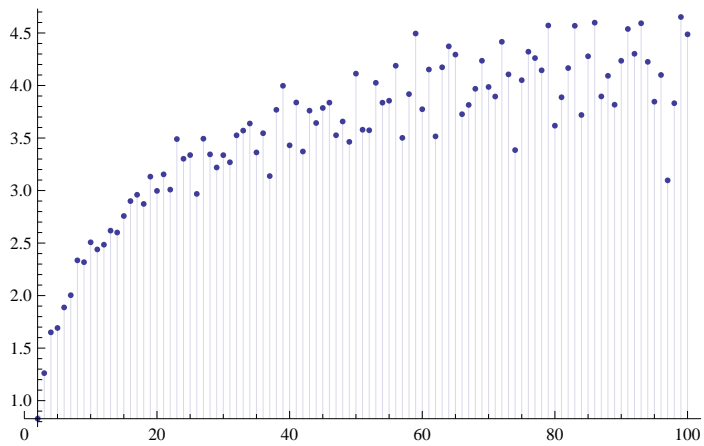
```
ClearAll["Global`*"]
```

```
m[n_, d_] := m[n, d] = d Sum[1 - m[n/j, d], {j, 1 + d, n, d}]
```

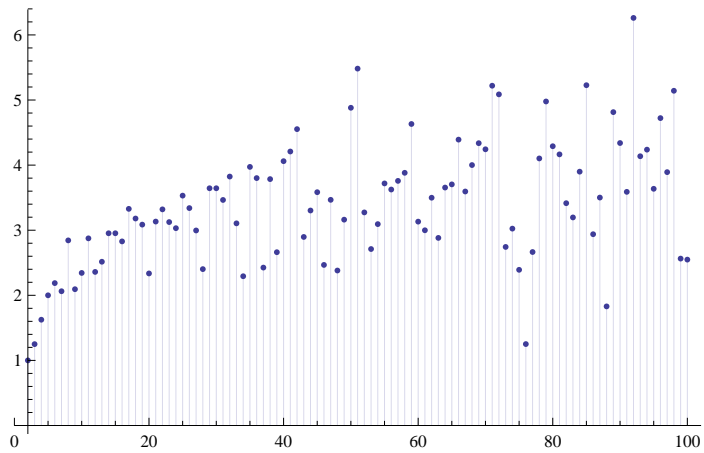
```
DiscretePlot[m[n, 1/8], {n, 2, 100}]
```



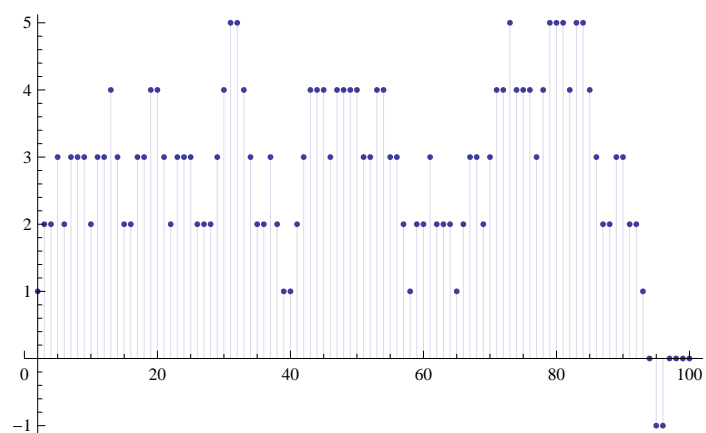
```
DiscretePlot[m[n, 1/4], {n, 2, 100}]
```



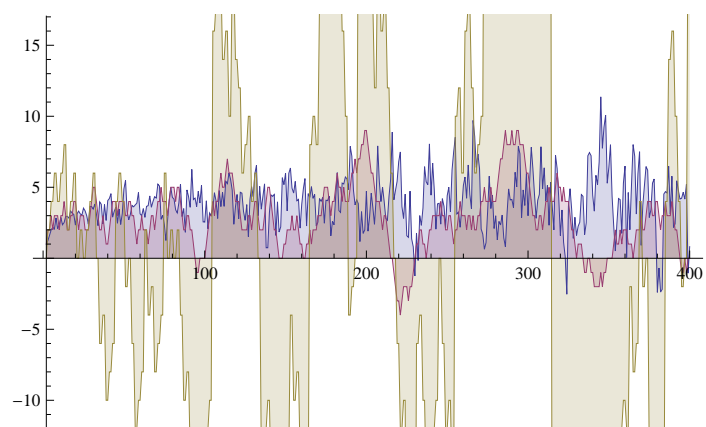
```
DiscretePlot[m[n, 1/2], {n, 2, 100}]
```



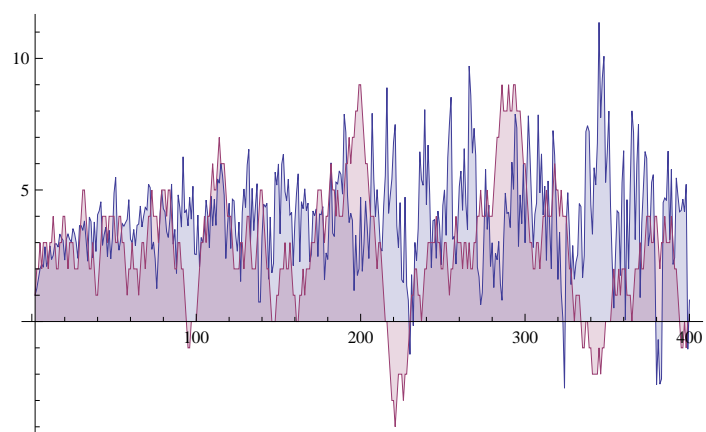
`DiscretePlot[m[n, 1], {n, 2, 100}]`



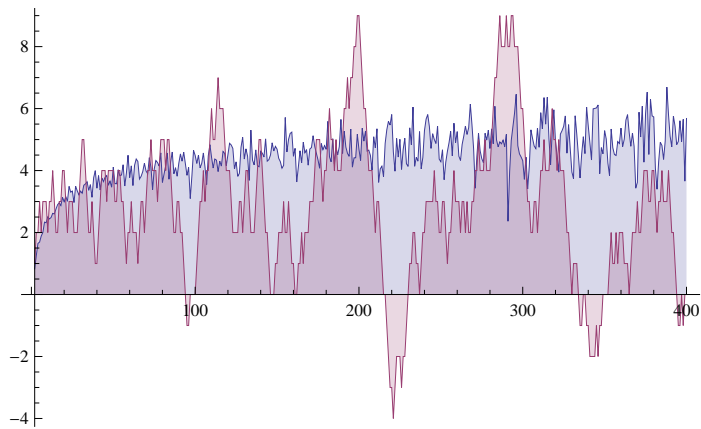
`DiscretePlot[{m[n, .5], m[n, 1], m[n, 2]}, {n, 2, 400}]`



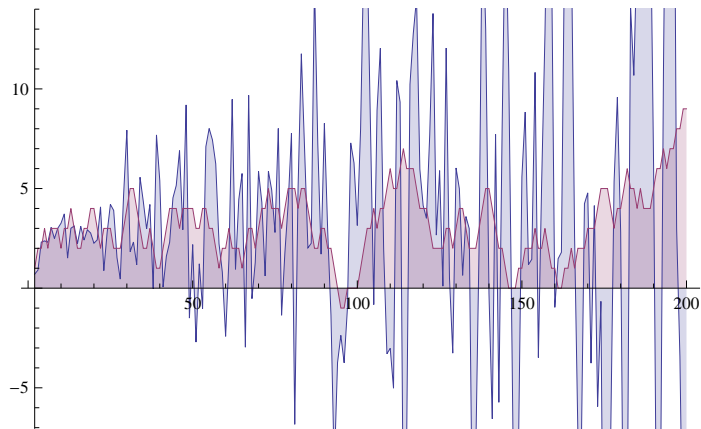
`DiscretePlot[{m[n, .5], m[n, 1]}, {n, 2, 400}]`



```
DiscretePlot[{m[n, .25], m[n, 1]}, {n, 2, 400}]
```

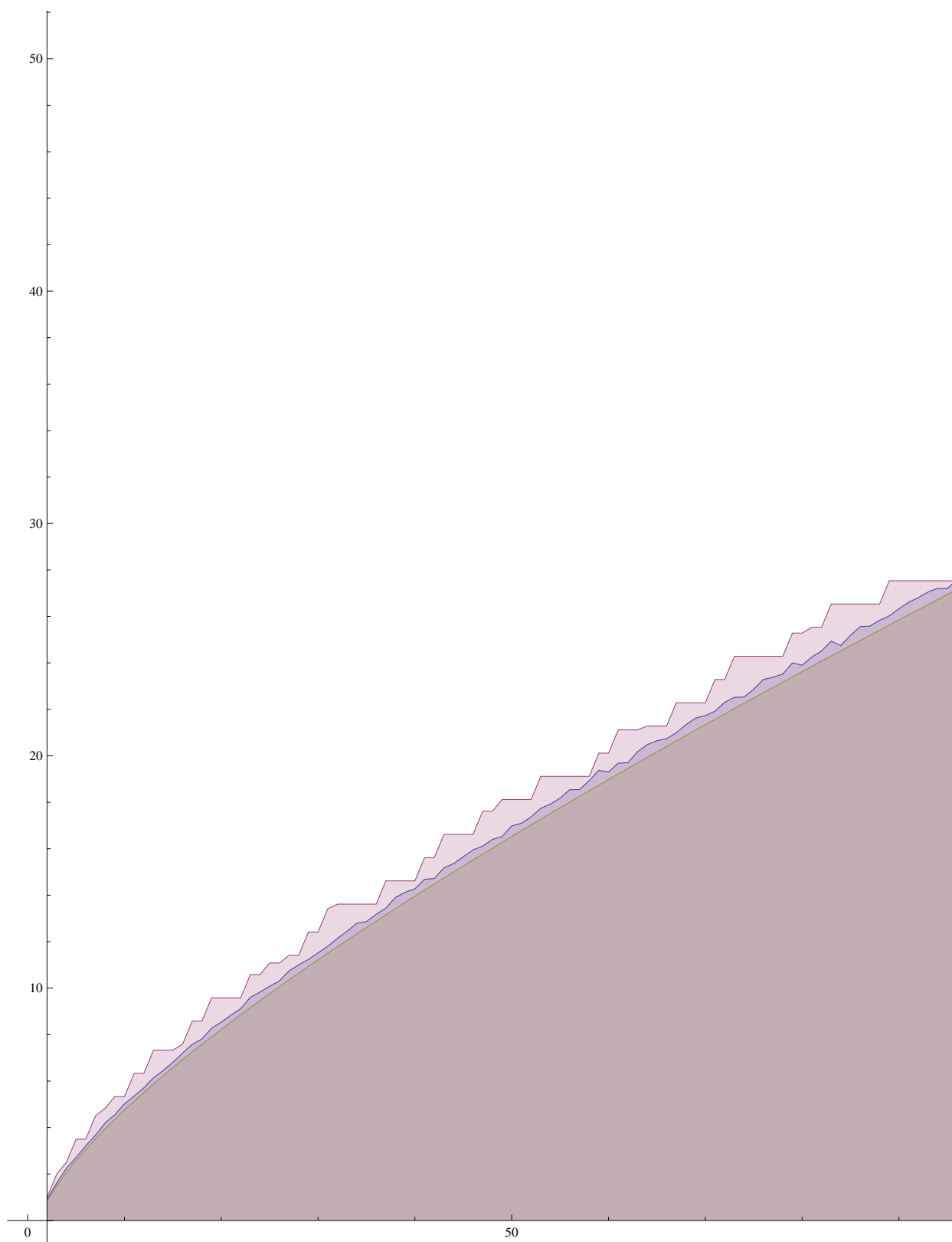


```
DiscretePlot[{m[n, .7], m[n, 1]}, {n, 2, 200}]
```



```
p[n_, k_, d_] := p[n, k, d] = dSum[1/k - p[n/j, k+1, d], {j, 1+d, n, d}]
```

```
DiscretePlot[  
  {p[n, 1, .25], p[n, 1, 1], LogIntegral[n] - Log[Log[n]] - EulerGamma}, {n, 2, 200}]
```



```
a = .0004
```

```
DiscretePlot[ {p[10, 1, n] - p[10, 1, n-a] }, {n, .1, 1, a}]
```

```
0.0004
```

