

```

raw = Import["C:/Users/gram/Documents/GitHub/smoothie/20160510_list.txt", "Data"];

raw // Length
70

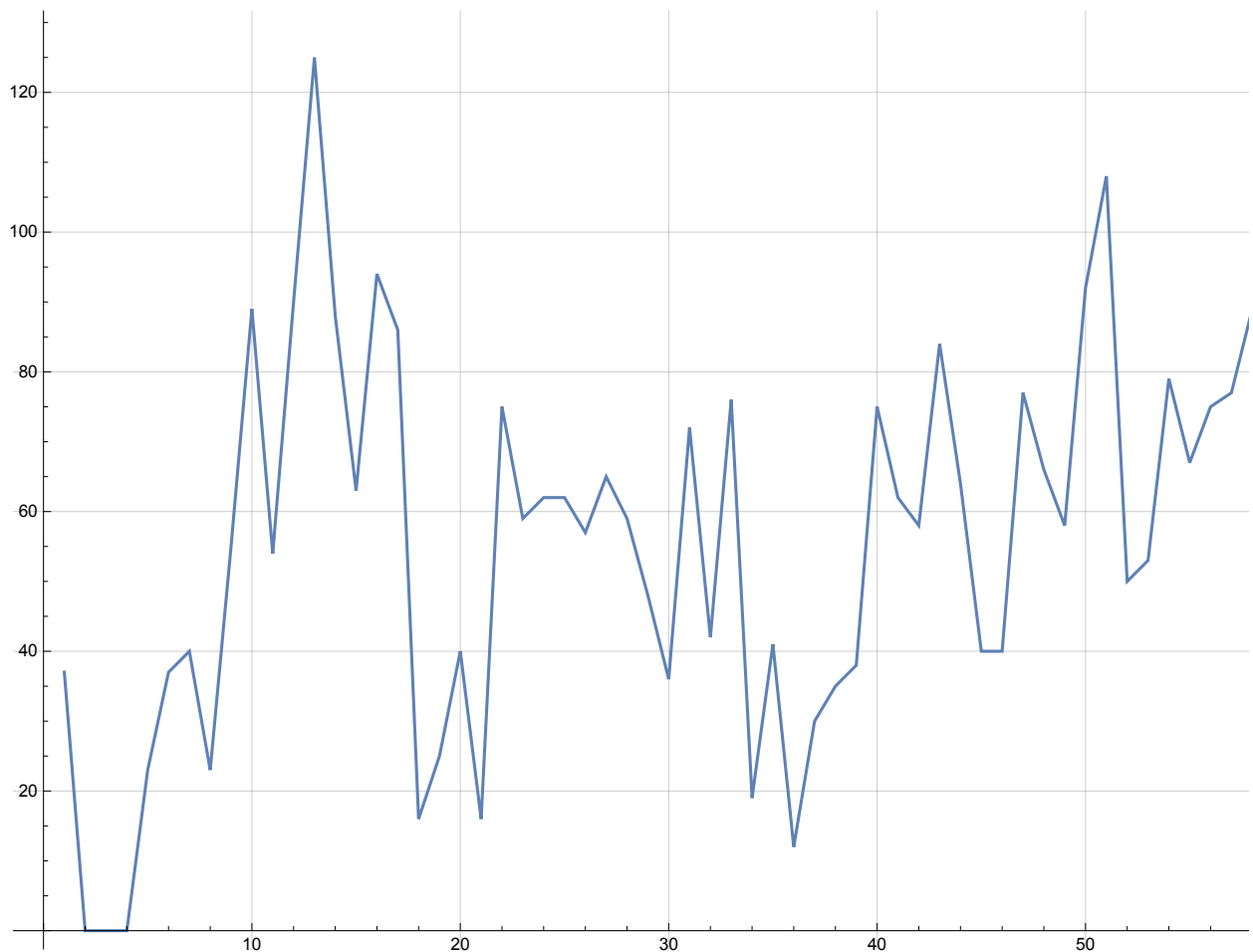
raw[[1]]
{Almond Mocha High Protein, 345, 9, 1, 80, 51, 42, 37, 30, 195, 2}

labels = raw[[All, 1]];

sugar = Table[raw[[i, 8]], {i, 1, Length[raw]}];

ListPlot[sugar, Joined -> True, GridLines -> Automatic]

```



So the lowest sugar smoothies are 2,3,4,18,21,34,36

```

labels[{{2, 3, 4, 18, 21, 34, 36}}]
{Gladiator® Chocolate, Gladiator® Strawberry, Gladiator® Vanilla, Lean1™ Chocolate,
Lean1™ Vanilla, The Shredder - Chocolate™, The Shredder - Vanilla™}

```

```
proSugIndex = raw[[All, 9]] / raw[[All, 8]] // N
```

```
Power::infy : Infinite expression  $\frac{1}{0}$  encountered. >>
```

```
Power::infy : Infinite expression  $\frac{1}{0}$  encountered. >>
```

```
Power::infy : Infinite expression  $\frac{1}{0}$  encountered. >>
```

```
General::stop : Further output of Power::infy will be suppressed during this calculation. >>
```

```
{0.810811, ComplexInfinity, ComplexInfinity, ComplexInfinity, 1.17391, 0.810811,
 0.65, 1.17391, 0.345455, 0.213483, 0.333333, 0.266667, 0.2, 0.261364,
 0.380952, 0.159574, 0.127907, 1.1875, 0.64, 0.425, 1.1875, 0.0533333,
 0.186441, 0.177419, 0.193548, 0.210526, 0.0461538, 0., 0.3125, 0.194444,
 0.111111, 0.166667, 0.0131579, 1.52632, 0.731707, 3., 0.6, 0.314286, 0.263158,
 0.0666667, 0.016129, 0.0172414, 0., 0.109375, 0.1, 0.2, 0.0649351, 0.0454545,
 0.0344828, 0.0108696, 0.00925926, 0., 0.0566038, 0.0126582, 0.134328,
 0.0533333, 0.155844, 0.011236, 0.0106383, 0.0666667, 0.0107527, 0.0444444,
 0.076087, 0.0135135, 0.047619, 0.382353, 0.136364, 0.12, 0.011236, 0.016129}
```

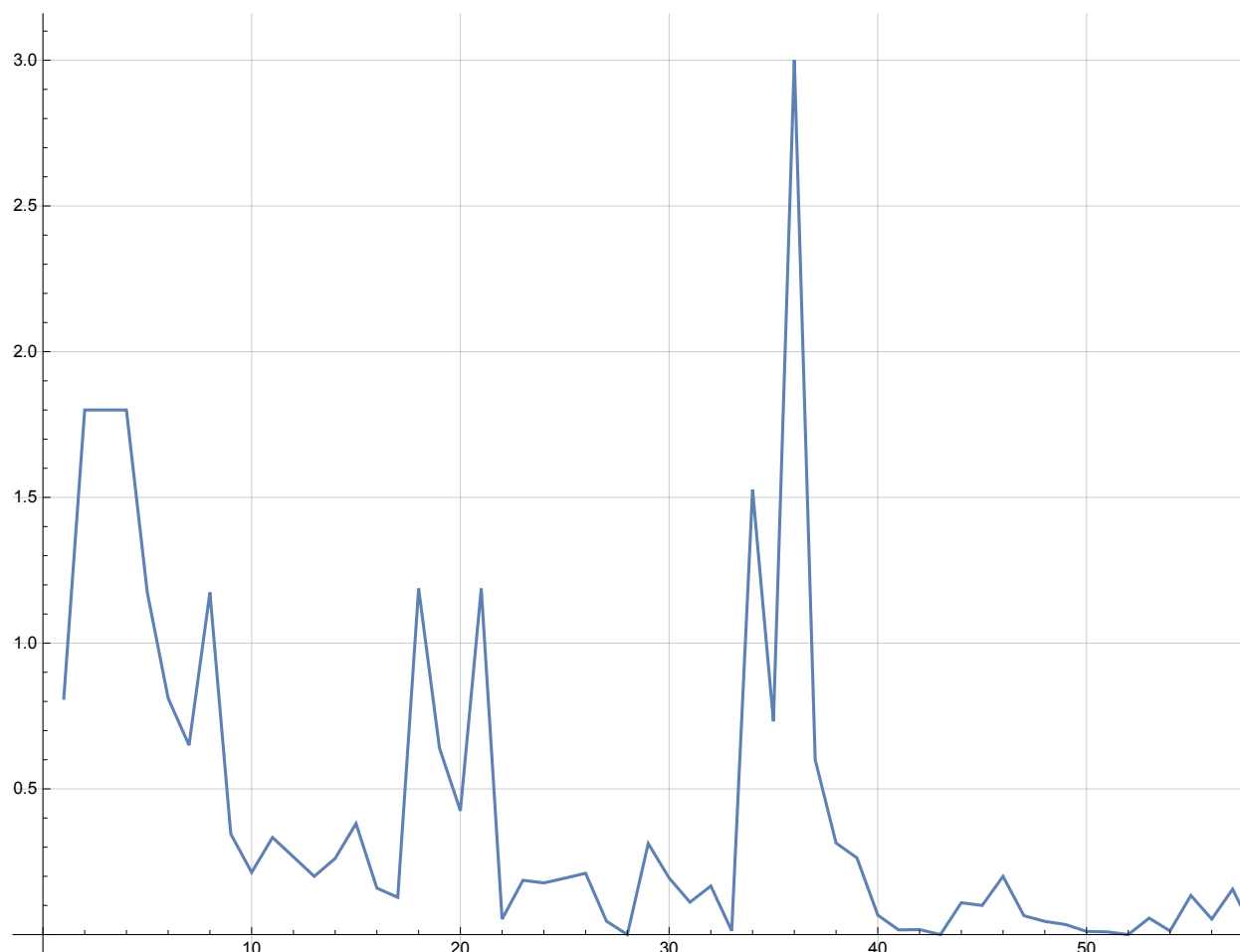
```
proSugIndex[{{2, 3, 4}}] = 1.8
```

```
1.8
```

```
proSugIndex
```

```
{0.810811, 1.3, 1.3, 1.3, 1.17391, 0.810811, 0.65, 1.17391, 0.345455, 0.213483,
 0.333333, 0.266667, 0.2, 0.261364, 0.380952, 0.159574, 0.127907, 1.1875, 0.64, 0.425,
 1.1875, 0.0533333, 0.186441, 0.177419, 0.193548, 0.210526, 0.0461538, 0., 0.3125,
 0.194444, 0.111111, 0.166667, 0.0131579, 1.52632, 0.731707, 3., 0.6, 0.314286,
 0.263158, 0.0666667, 0.016129, 0.0172414, 0., 0.109375, 0.1, 0.2, 0.0649351,
 0.0454545, 0.0344828, 0.0108696, 0.00925926, 0., 0.0566038, 0.0126582, 0.134328,
 0.0533333, 0.155844, 0.011236, 0.0106383, 0.0666667, 0.0107527, 0.0444444,
 0.076087, 0.0135135, 0.047619, 0.382353, 0.136364, 0.12, 0.011236, 0.016129}
```

```
ListPlot[proSugIndex, Joined → True, GridLines → Automatic, PlotRange → All]
```



```
Position[proSugIndex, 3.0]
```

```
{{36}}
```

```
labels[[36]]
```

```
The Shredder - Vanilla™
```