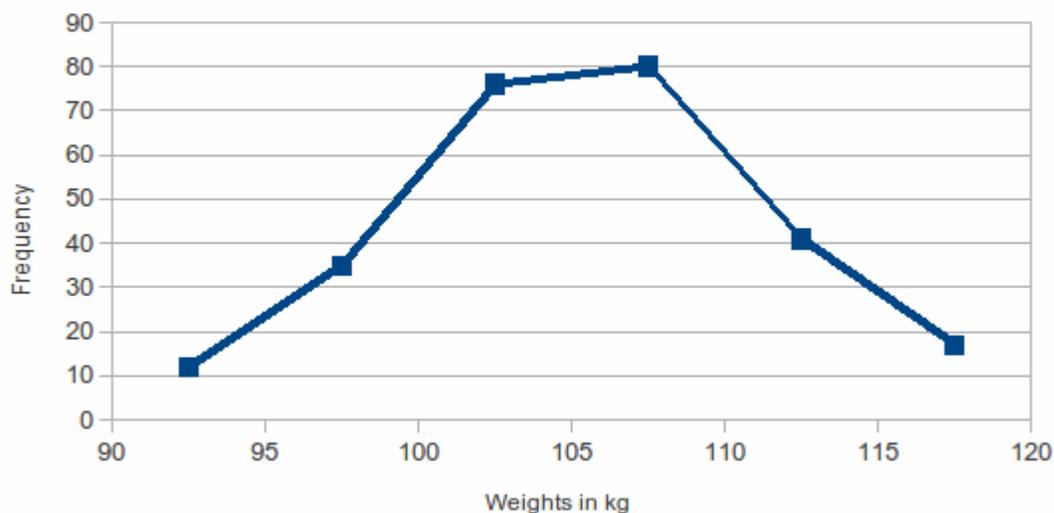


Frequency Polygons

Frequency polygons show the same information as bar charts, with points joined by lines instead of with vertical bars. Suppose we need to draw a frequency polygon for the data in the table below which contains information about the weights of some ambitious slimmers.

Weight, w in kg	Frequency
$90 \leq w < 95$	12
$95 \leq w < 100$	35
$100 \leq w < 105$	76
$105 \leq w < 110$	80
$110 \leq w < 115$	41
$115 \leq w < 120$	17

Frequency Polygon for Weights of Slimmers



The frequency polygon is:

Notice that the points are plotted as (midpoint of weight interval, frequency).