

Frequency

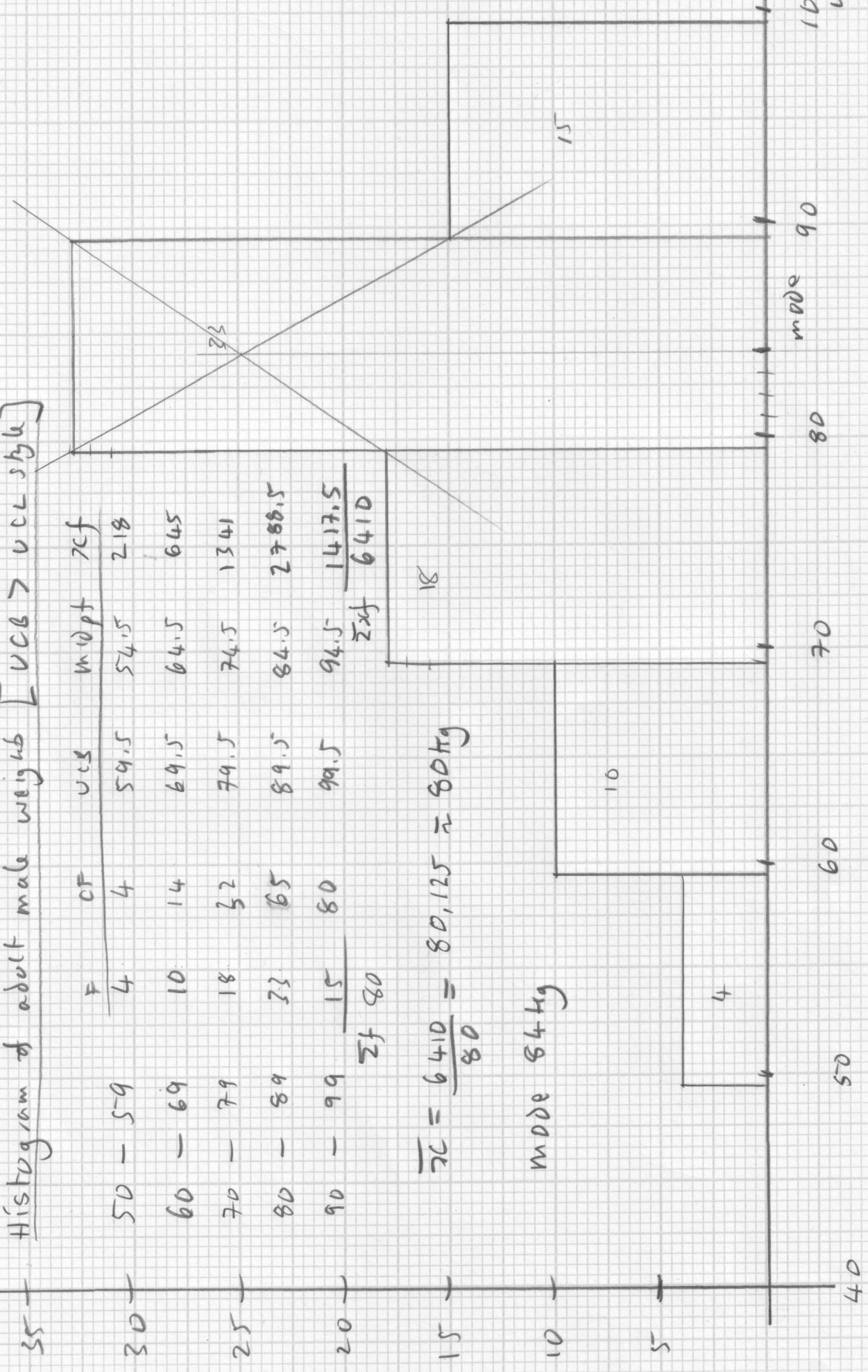
Revision

Histogram of adult male weights [UCB > UCL sbk]

F	CF	UCB	m d p t	∑cf
4	4	59.5	54.5	218
10	14	69.5	64.5	645
18	32	79.5	74.5	1341
33	65	89.5	84.5	2788.5
15	80	99.5	94.5	1417.5
	$\sum f$ 80		$\sum cf$ 6410	

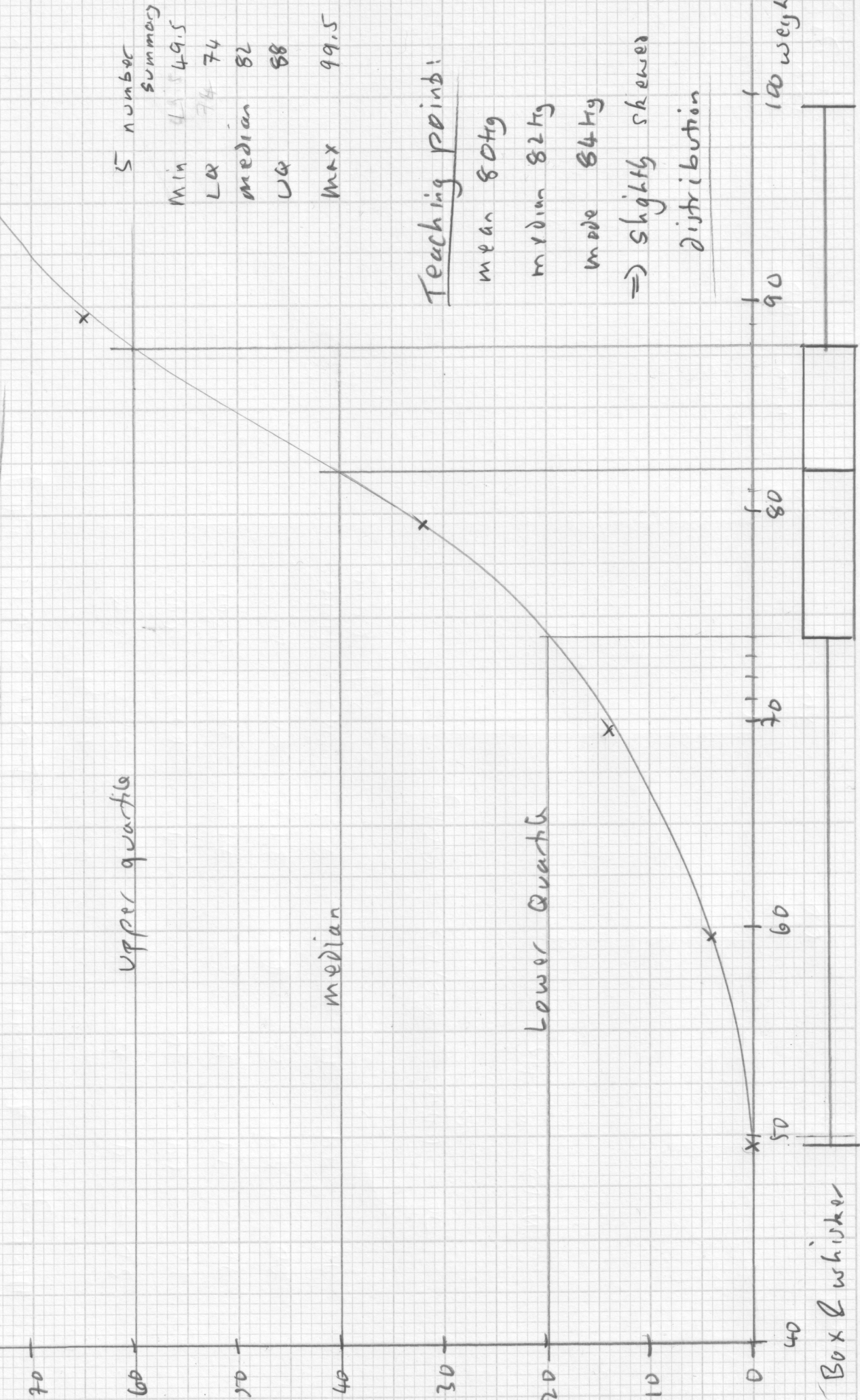
$$\bar{x} = \frac{6410}{80} = 80,125 \approx 80 \text{ kg}$$

mode 84 kg



weight / kg

50 CF
Cumulative frequency curve of adult male weights



S	number	Summary
Min	49.5	49.5
LR	74	74
median	82	82
UR	88	88
Max	99.5	99.5

Teaching points:

- mean 80kg
- median 82kg
- mode 84kg
- ⇒ slightly skewed distribution