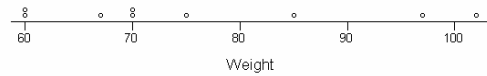


## Introductory Statistics Tutorial Answers

### Chapter 2 – Tools for Exploring Univariate Data

1. (a) Dotplot for Weight

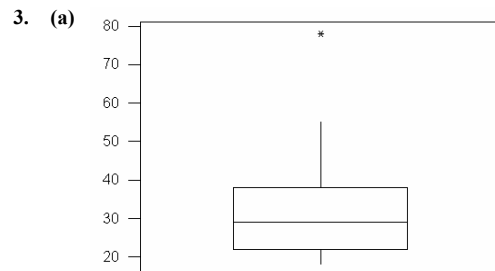


- (b) The centre of these data is about 75kg.  
The data is skewed to the right (positively skewed).  
There are gaps at weights at around 80kg and 90kg.

2. (a) Units: 9 | 5 = 950Å

8		4
8		
9		0 3 4
9		5 6 7 8 9 9
10		0 0 0 1 1 3 3 3 4 4
10		5 5 5 5 5 7 7
11		0 0 2

- (b) (840, 980, 1020, 1050, 1120)  
(c) (2)



- (b) (1) Disagree, the skew is only moderate.  
(2) Disagree, the interquartile range is 16.  
(3) Agree.  
(4) Agree.  
(5) Disagree.

4. (2)

5. (1) Agree  
(2) Agree  
(3) Disagree  
(4) Disagree

6. (1)