STATISTICS: RANGE, STANDARD DEVIATION [PIRNOT 14.3]

EX 14.3.1: Given the following data set:

$$7, 3, 4, 1, 2, 2, 8, 7, 5, 7$$

(a) Compute the range of the data set.

(b) Compute the mean of the data set.

(c) Compute the standard deviation of the data set.

EX 14.3.2: Given the following frequency distribution:

DATA VALUE (x)	FREQUENCY (f)
5	1
8	4
11	12
14	5
21	2

(a) Compute the range of the frequency distribution.

(b) Compute the mean of the frequency distribution.

(c) Compute the standard deviation of the frequency distribution.