STATISTICS: MEAN, MEDIAN, MODE [PIRNOT 14.2]

EX 14.2.1: Given the following data set:

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

(a) Compute the mean of the data set.

(b) Compute the median of the data set.

(c) Compute the mode of the data set (if it exists).

EX 14.2.2: Given the following data set:

$$7, 3, 8, 4, 1, 2, 2, 8, 7, 5, 7, 6, 8$$

(a) Compute the mean of the data set.

(b) Compute the median of the data set.

(c) Compute the mode of the data set (if it exists).

EX 14.2.3: Given the following data set:

$$7, 5, 3, 8, 4, 1, 2, 5, 2, 8, 7, 5, 7, 6, 8$$

(a) Compute the mean of the data set.

(b) Compute the median of the data set.

(c) Compute the mode of the data set (if it exists).

EX 14.2.4: Given the following frequency distribution:

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

(a) Compute the mean of the frequency distribution.

(b) Compute the median of the frequency distribution.

(c) Compute the mode of the frequency distribution (if it exists).

EX 14.2.5: Given the following frequency distribution:

DATA VALUE (x)	FREQUENCY (f)
5	9
8	4
11	3
14	8
21	9

(a) Compute the mean of the frequency distribution.

(b) Compute the median of the frequency distribution.

(c) Compute the mode of the frequency distribution (if it exists).