

Name:

QUIZ 27 – MATH GRADE 9

1. (50%) In the process of fabrication of matches the number of matches in each box was counted and the following results obtained:

51, 47, 48, 50, 50, 51, 50, 51, 49, 48, 53, 52, 50, 49

- (5%) The size of the sample is _____
- (5%) What kind of data is this? _____
- (5%) Find the mean
- (5%) Find the mode
- (5%) Find the median
- (5%) Find the first quartile
- (5%) Find the third quartile
- (5%) Find the IQR
- (10%) Complete the table:

	Mid – Class (Mi)	Frequency (fi)	Fi x Mi	Cumulative Frequency (Fi)
[47, 48]				
[49, 50]				
Total				

- (5%) Obtain the mean using the table: _____

2. (30%) The following list is written in ascending order:

2, 2, 3, 3, q, 7, 8, p, 8, 9, 11, x, x, 14

The median is 8, the lower quartile is 3.5. the mean is 7.5. Find:

- a. p
- b. q
- c. x

3. (20%) The number of goals per game scored by a certain football player is:

0, 1, 1, 0, 2, 3, 1, 0, 0, 1, 1, 2, 0, 2, 1, 1, 1, 4, 0, 1, 0, 2, 0, 1, 0, 0, 1

Frequency	10	11	n	m	p
N of goals	0	1	2	a	b

- a. (4%) Find a, b
- b. (6%) Find n, m, p
- c. (5%) Find the mean
- d. (5%) Find the percentage of games in which the player scored more than 1 goal.