

Name:

QUIZ 26 – MATH GRADE 9

1. (30%) Give 2 examples of each type of variables; write down in each case the variable and the units.

(30%) In a certain school a survey on the favorite dessert. A number of students completed the survey:

Icecream, Fruit, Icecream, Chocolate cake, Fruit, Fruit, Icecream, Chocolate cake
Fruit, Icecream, Chocolate cake, Fruit, Chocolate cake, Fruit, Fruit, Fruit

- a. (5%) How many students participated in the survey?
- b. (5%) What kind of data is this?
- c. (10%) Represent this information in a frequency distribution table.
- d. (10%) Use the table to create a histogram.

2. (40%) In a certain school a survey on the number of hours per week students exercise was conducted and the following results were obtained (results are organized in groups of 10):

2, 7, 6, 8, 0, 3, 2, 4, 3, 9,
1, 3, 4, 6, 7, 9, 8, 3, 4, 5,
4, 1, 6, 8, 2, 7, 6, 5, 4, 5,

- e. (5%) How many students participated in the survey?
- f. (10%) What kind of data is this?
- g. (10%) Represent this information in a frequency distribution table.
- h. (5%) Which number of hours has the highest frequency?
- i. (10%) Use the table to create a histogram.