

Series of Exercises N°6

2025-2026

Exercise n°1. The number of goals by a player over 6 matches are as follows :

1, 0, 2, 13, 1.

1. Determine the population, the variable and its type.
2. Represent the datas of the statistical series in a table.
3. Calculate f_i , n_i^c , f_i^c , Me , \bar{X} , Mo .
4. Draw the bar graph of the statistical varibale.

Exercise n°2. We study the eyes color of the students in a classe :

x_i	black	brown	blue	green
n_i	15	10	2	1

1. Determine the population, the variable and its type.
2. Draw the circle graph of the variable.

Exercise n°3. The notes of an exam of 25 students on 40 is given in the following table :

x_i	$[0, 10[$	$[10, 20[$	$[20, 30[$	$[30, 40[$
n_i	4	10	8	3

1. Determine the population, the individu, the variable and its type.
2. Calculate \bar{X} , Me , Mo .
3. Draw the considerd graph of the variable.

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