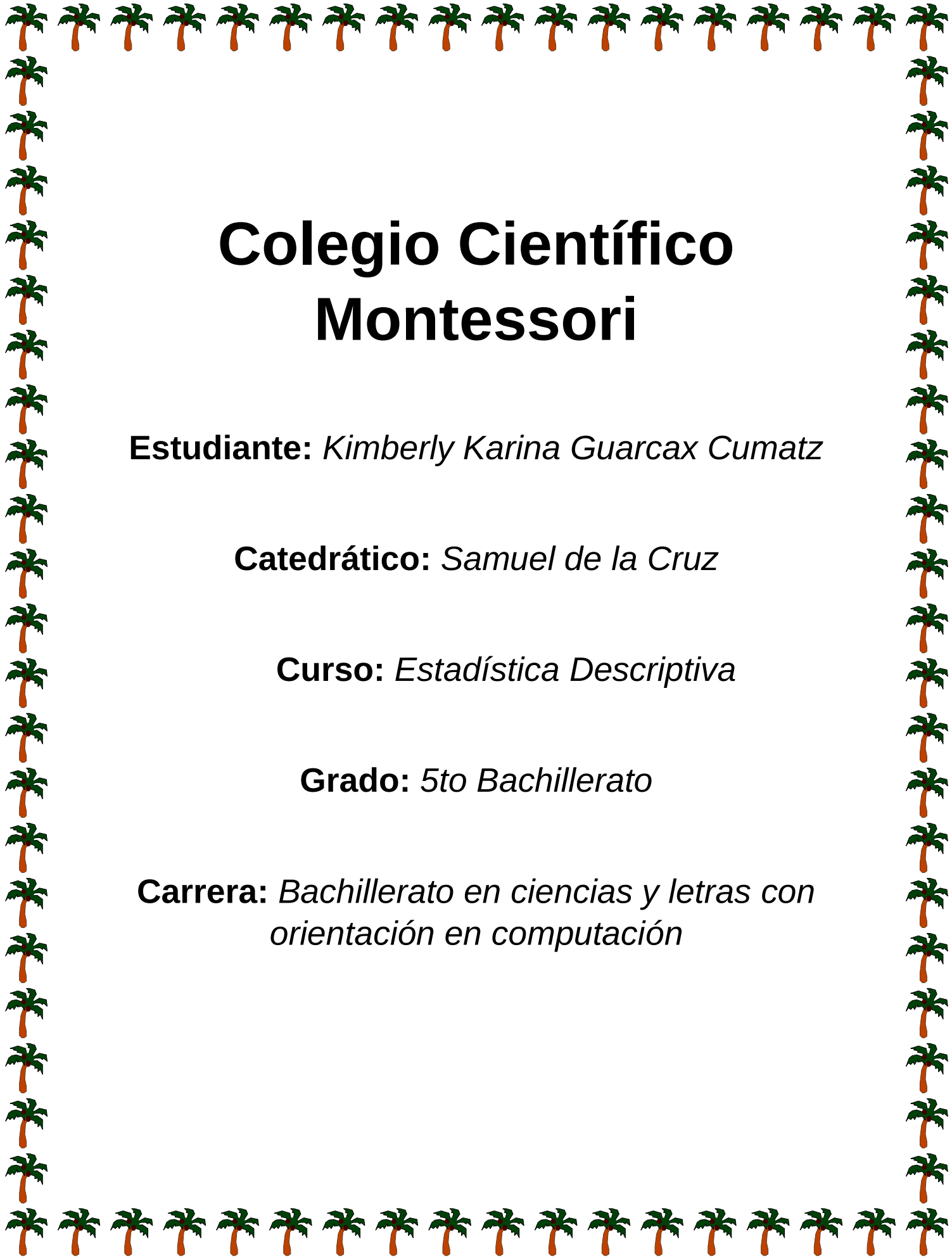


A decorative border of palm trees surrounds the text. The border consists of a top row of 15 palm trees, a bottom row of 15 palm trees, and two vertical columns of 15 palm trees each on the left and right sides.

Colegio Científico Montessori

Estudiante: *Kimberly Karina Guarcax Cumatz*

Catedrático: *Samuel de la Cruz*

Curso: *Estadística Descriptiva*

Grado: *5to Bachillerato*

Carrera: *Bachillerato en ciencias y letras con
orientación en computación*

INSTRUCCIONES: calcula las medidas de tendencia central para datos no agrupados, de los siguientes grupos de datos. Deberás haber estudiado la lección 14.

a) 2, 4, 6, 3, 6, 4, 4, 5, 5, 4, 7, 3, 5, 4, 3, 3, 5, 6, 3, 4, 3, 4, 3, 4, 3, 2, 4, 2, 2, 3, 3, 3, 3, 3, 4, 4, 4, 6, 4, 3, 4, 4, 4, 4, 4, 5, 5, 5, 5, 6, 6, 7

n= 52

2, 2, 2, 2, 3, 3, 3, 3, 3, 3, 3, 3, 3, 3, 3, 3, 3, 3, 4, 4, 4, 4, 4, 4, 4, 4, 4, 4, 4, 4, 4, 4, 4, 4, 4, 4, 5, 5, 5, 5, 5, 5, 5, 5, 5, 6, 6, 6, 6, 6, 6, 7, 7

Media: $212/52=4.08$

Mediana: $52/2=26 \Rightarrow 4+4=8/2=4$

Moda: 4

b) 20, 21, 30, 26, 24, 20, 22, 20, 21, 30, 26, 25, 22, 25, 31, 20, 26, 24, 22, 20, 32, 30, 21, 30, 24, 28, 22, 31.

n=28

20, 20, 20, 20, 20, 21, 21, 21, 22, 22, 22, 22, 24, 24, 24, 25, 25, 26, 26, 26, 28, 30, 30, 30, 30, 31, 31, 32

Media: $693/28=24.75$

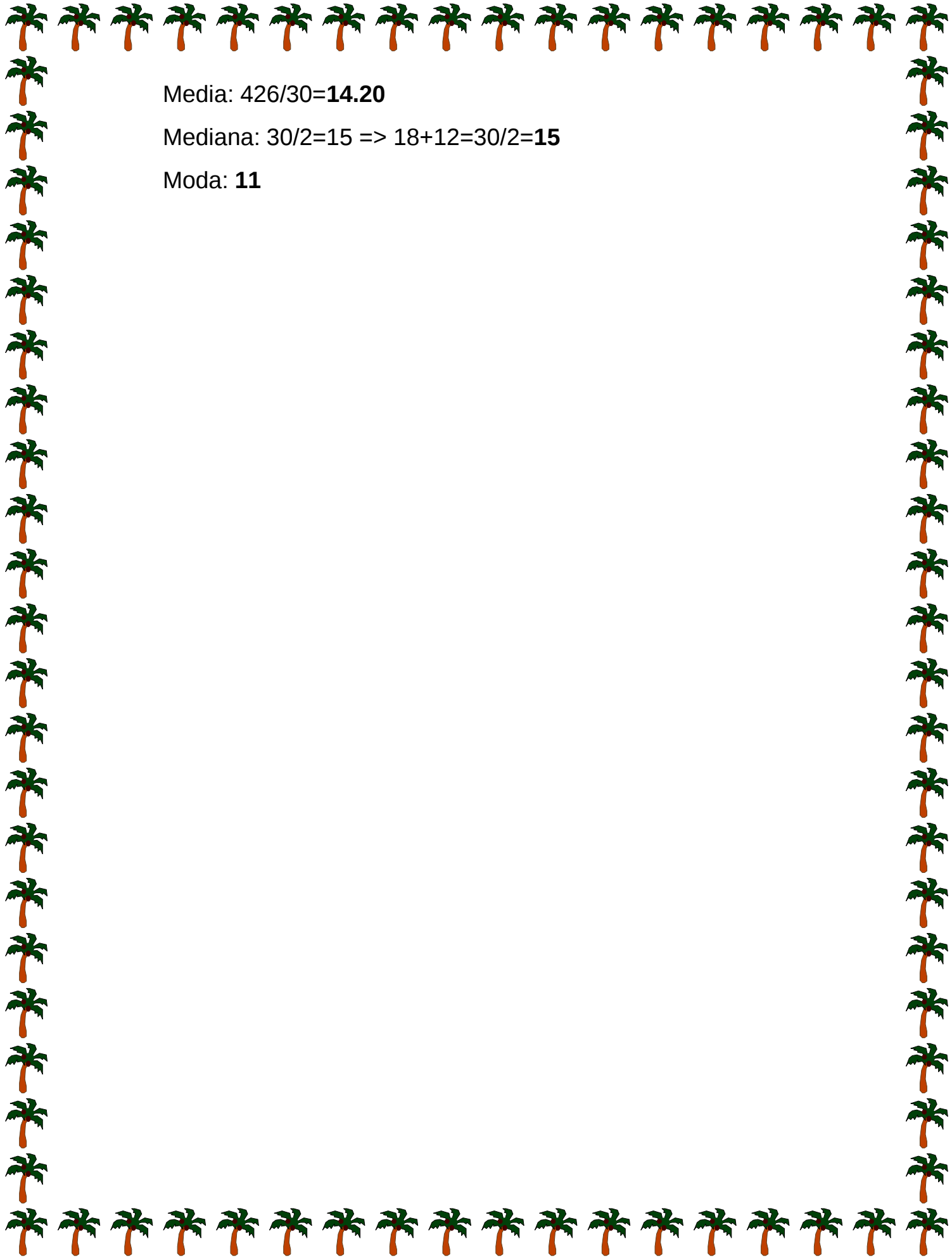
Mediana: $28/2=14 \Rightarrow 24+24=48/2=24$

Moda: 20

c) 10, 11, 15, 10, 18, 12, 18, 16, 11, 13, 17, 18, 14, 18, 14, 19, 10, 17, 11, 11, 13, 15, 14, 19, 16, 17, 16, 12, 11, 10

n=30

10, 10, 10, 10, 11, 11, 11, 11, 11, 12, 12, 13, 13, 14, 14, 14, 15, 15, 16, 16, 16, 17, 17, 17, 18, 18, 18, 18, 19, 19

A decorative border of palm trees surrounds the text. There are 15 palm trees along the top edge, 15 along the bottom edge, and 15 along each of the two side edges, for a total of 60 palm trees.

Media: $426/30=$ **14.20**

Mediana: $30/2=15 \Rightarrow 18+12=30/2=$ **15**

Moda: **11**