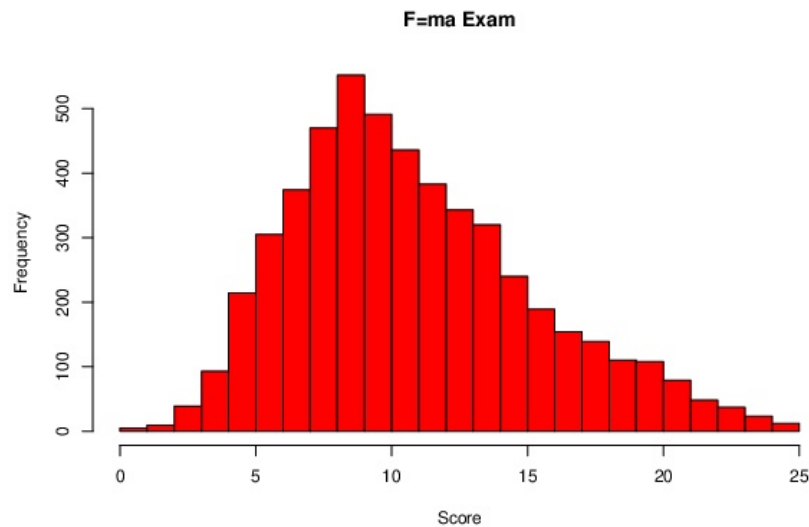


2023 $F = ma$ Contest Results

In 2023 there was one $F = ma$ exam administered on February 9, 2023. The data from the exam is in the table below.

F=ma: Statistics	
Number of scored exams	5173
Minimum Score	0
Maximum Score	25
Median Score	10
Mean Score	10.29
Standard Deviation	4.46

Score distribution for the exam is in the histograms below. The vertical scale is the number of scores; the horizontal scale is the score.



Our goal is to invite approximately 400 top students to take the USAPhO exam. This year, the minimum score necessary to get an invitation to the 2023 USAPhO is:

18 points.

The number of students who scored 18 or more is **417**.