

Question

Q: Mr. Sanchez found out that 40% of his Grade 5 students got a final grade below B. How many of his students got a final grade of B and above if he has 60 students in Grade 5?

Full Model Reasoning

First, we need to calculate how many students got below a B. 40% of the class received below a B, so we compute 40% of 60. 40% can be written as 0.4, and $0.4 \times 60 = 24$ students below B. To find the number of students with B and above, we subtract 24 from the total number of students: $60 - 24 = 36$ students.

Compressed Model Reasoning

**40% of 60 students
= $(40/100) \times 60 = 24$.
Then: $60 - 24 = 36$.**

Final Answer

36 students