

Answer on Question 48561 - Math - Algebra

A total of 50 juniors and seniors were given a math test. The 35 juniors attained an average score of 80 while the 15 seniors attained an average of 70. What was the average score for all 50 students who took the test?

Average score is

$$A = \frac{\text{Solution } 35 \cdot 80 + 15 \cdot 70}{50} = 77$$