



Problem of the Week Grade 11 and 12

The Quest For Ann Sirs?

Ann Sirs has already written three mathematics tests, worth 100 marks each. The average of her marks on her first two tests is calculated and then averaged with her third test mark giving an average of 86%. The average of her marks on her second and third tests is calculated and then averaged with her first test mark giving an average of 79.5%. The average of her marks on her first and third tests is calculated and then averaged with her second test mark giving an average of 81.5%.

Her fourth mathematics test is tomorrow and it is also out of 100. What mark does Ann need on her test to achieve an overall average of 85% in her mathematics course?

