



- MX** **7** Each of the students in an athletics team is randomly allocated their own locker **1**
SP from a row of 100 lockers.
What is the smallest number of students in the team that guarantees that two
students are allocated consecutive lockers?
A. 26 B. 34 C. 50 D. 51
-

D

If there were 26 or 34 students there could still be at least one spare locker between their lockers.

Also, if there are 50 students it is still possible to use every second locker.

Hence, the smallest number is 51.

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