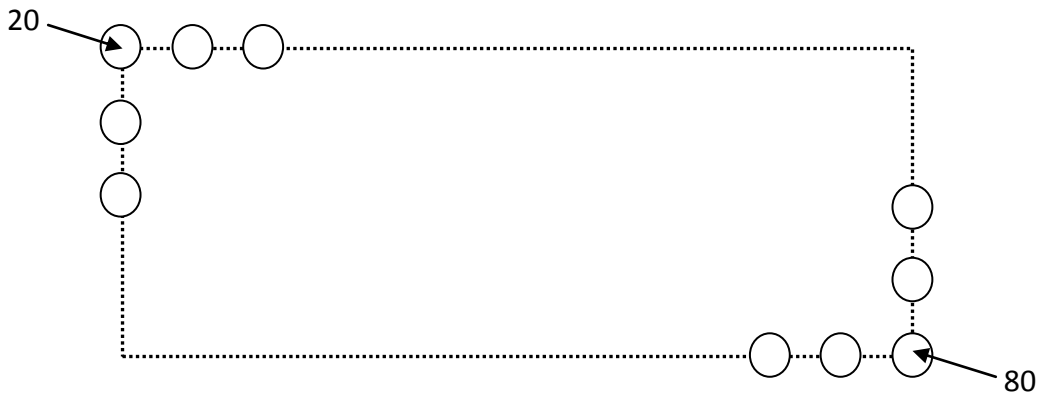
Weekly Question (02.05.13)

Students in a dancing class are positioned at equal distances apart from one another on a dance floor in the figure of a rectangle. The students are also numbered. At two of the corners diagonally across are students numbered 20 and 80. If there is only 1 student standing at each corner of the rectangle, how many students are there in the dancing class?

Solution:



Number of students standing along the length and breadth → 80 – 20 – 1 = 59

Total number of students → 59 + 59 + 2 = 120

Ans: There are 120 students in the dancing class.