solve, we get x = 3
therefore, l = 14*3 = 42, b = 11*3 = 33
perimeter = 2(42+33)

30 (30-34)Study the following information carefully to answer the given questions

In a College there are 1200 students who have visited 5 different cities
– Delhi, Kolkata, Varanasi, Mumbai and Jodhpur.
Forty five percent of the total students are boys.
Thirty percent of the total girls visited Mumbai.
Two-fifths of the total girls visited Delhi.
Number of girls who visited Jodhpur is half of the girls visited Delhi.
Two-thirds of the remaining girls visited Kolkata.
Total no of students who visited Mumbai is 300.
Twenty percent of the total boys visited Delhi.
Forty percent of the total boys visited Jodhpur.
Equal no of boys visited Kolkata and Varanasi.
Q. What is the total no of girls who visited Delhi, Mumbai and Kolkata together ?

    A. 432
    B. 524
    C. 486
    D. 506 ✓

○ Your Answer :
○ Correct Answer : D

○ **Answer Justification :**

Explanation:

Cities	Boys	Girls
Delhi	108	264
Kolkata	57	44
Varanasi	57	22
Mumbai	102	198
Jodhpur	216	132

Girls = 264+198+44 =506

31 What is the average no of boys who visited Jodhpur, Varanasi and Mumbai ?

    A. 187
    B. 125 ✓
    C. 321
    D. 245