SOLUTION : Set A

Q1. Questions with "at least" are often great candidates for using the complement.

That is: P(Event A occurs) = 1 - P(Event A does not occur)

So, P(miss at least 1 test) = 1 - P(miss no tests)

P(miss no tests)

P(miss no tests) = P(no test on day 1 AND no test on day 2)

= P(no test on day 1) X P(no test on day 2)

= (4/5) X (4/5)

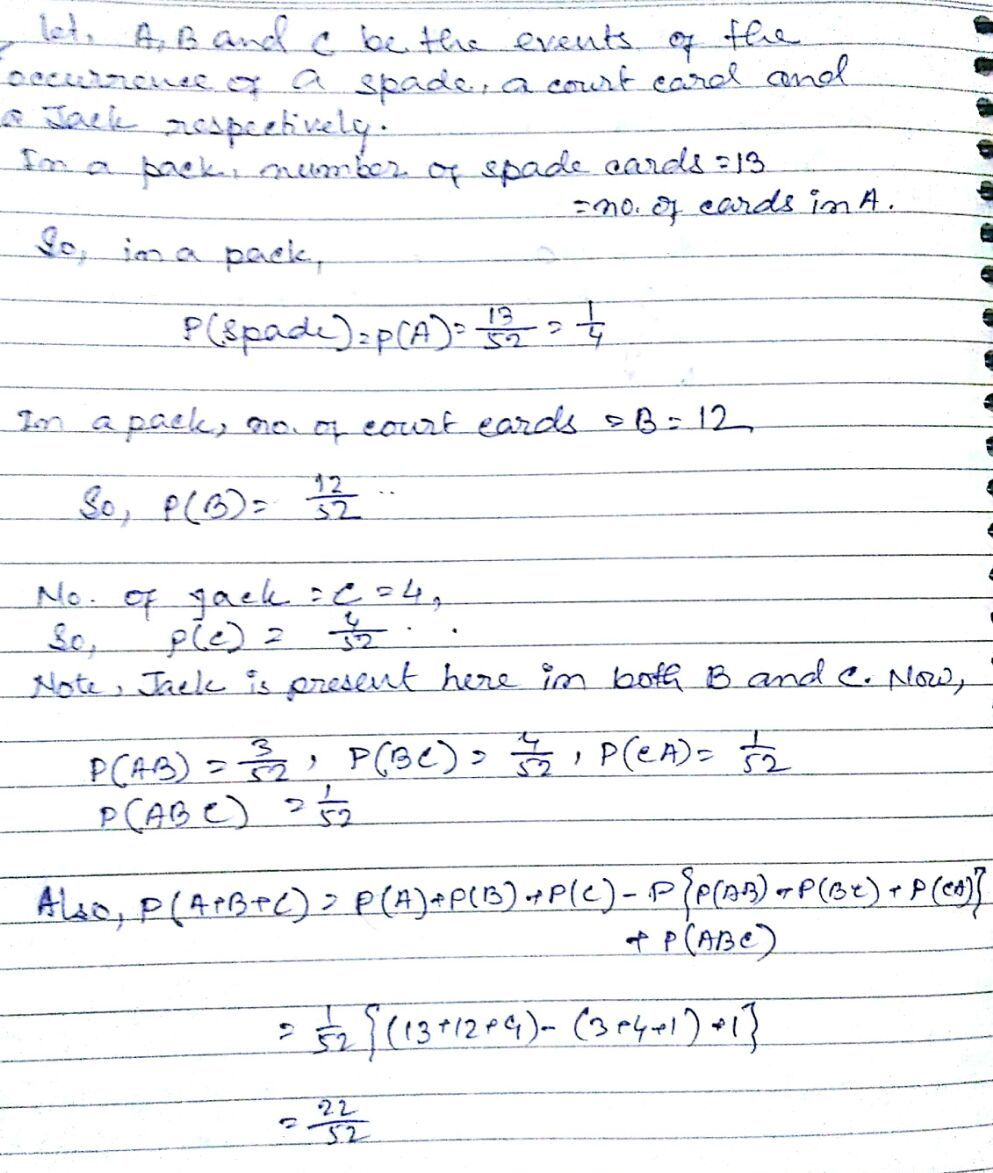
= 16/25

So, P(miss at least 1 test) = 1 - P(miss no tests)

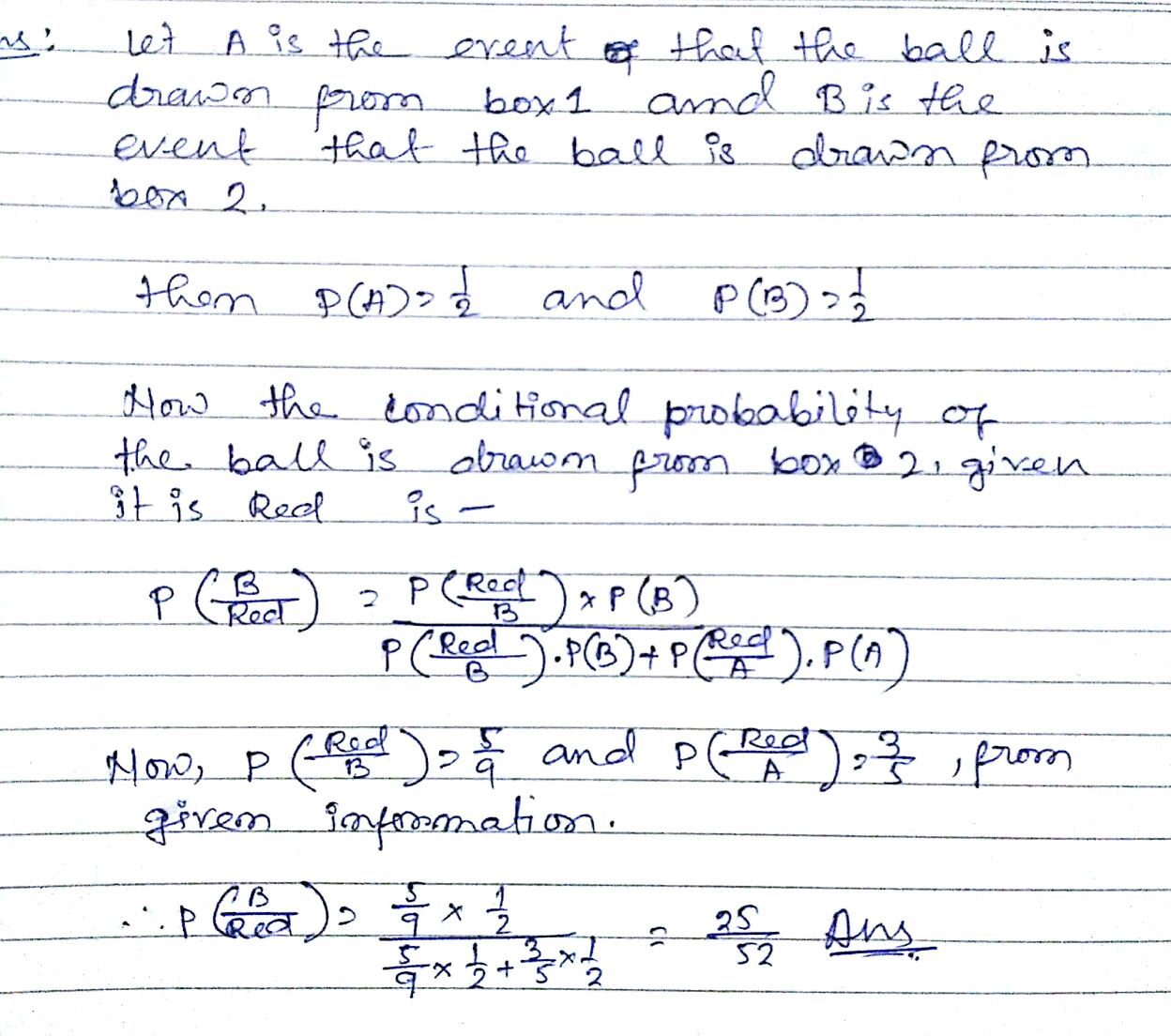
= 1 - 16/25

=9/25.

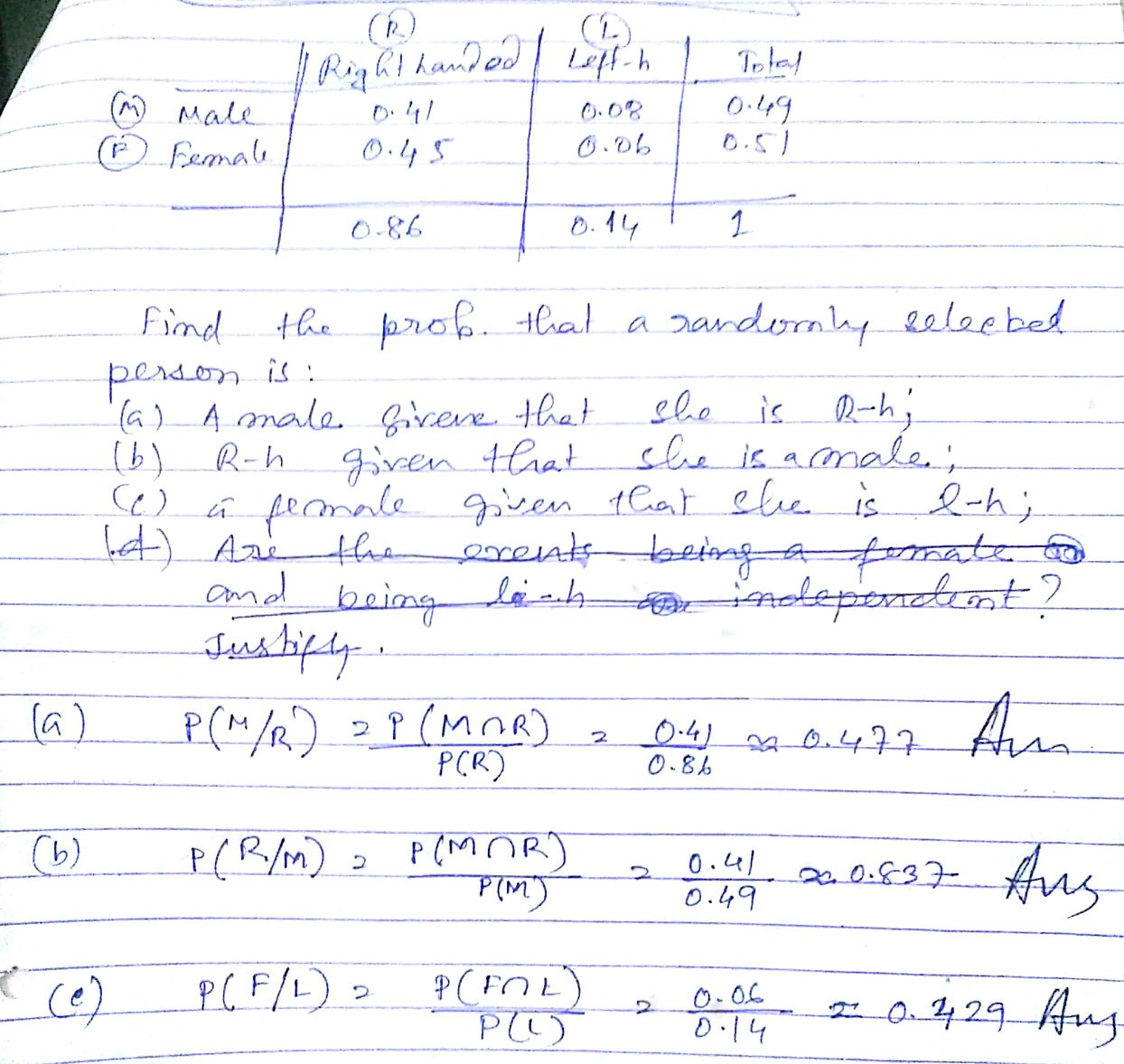
OR



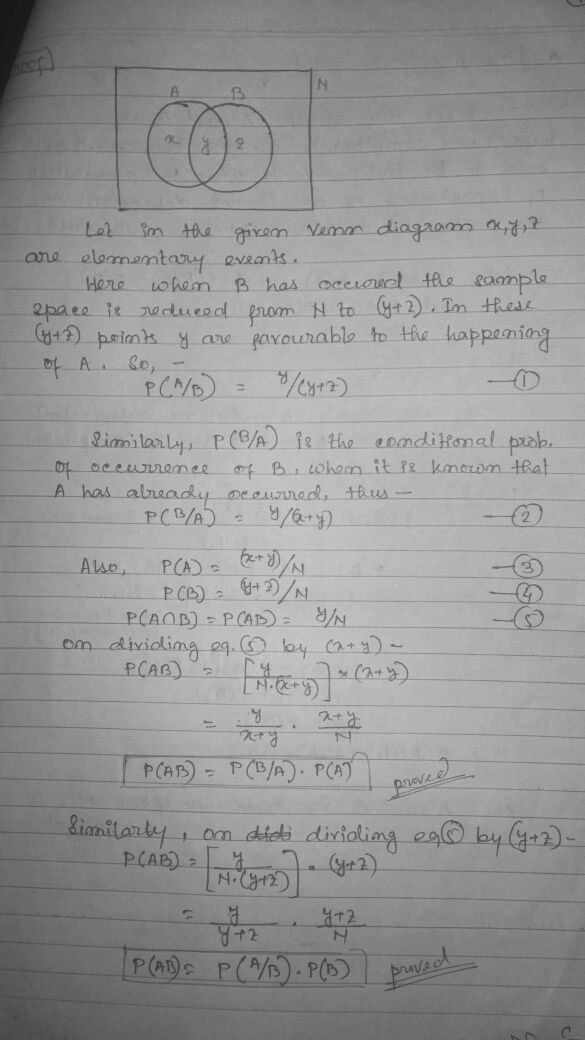
Q1.



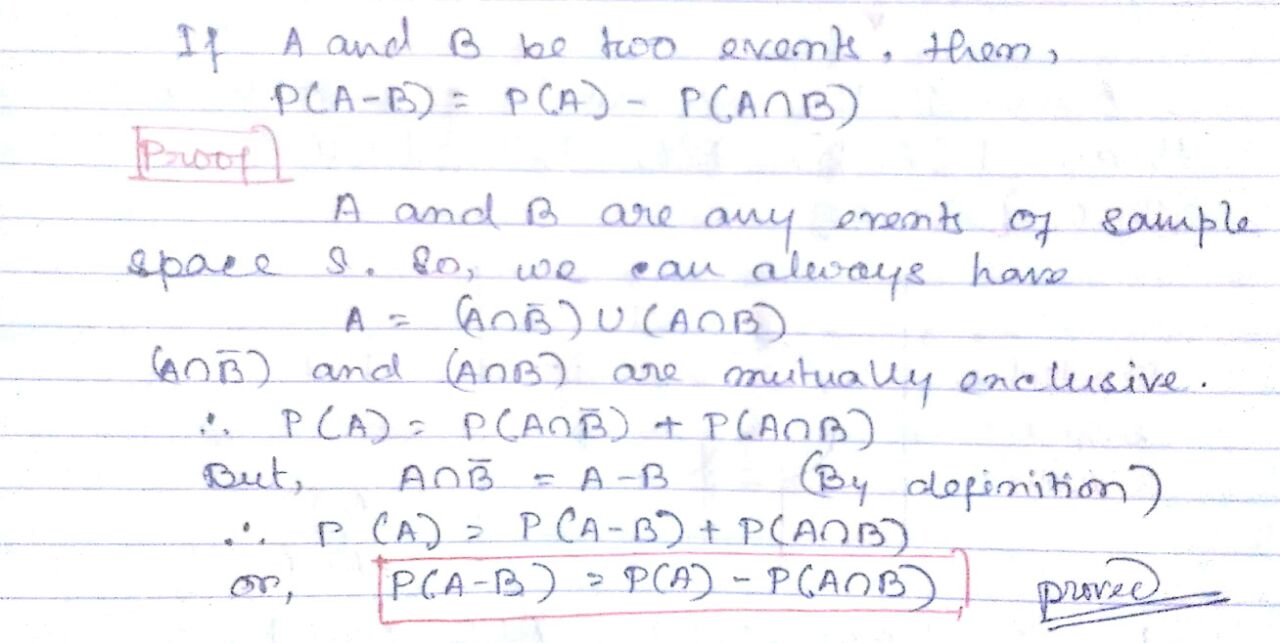
Q2.

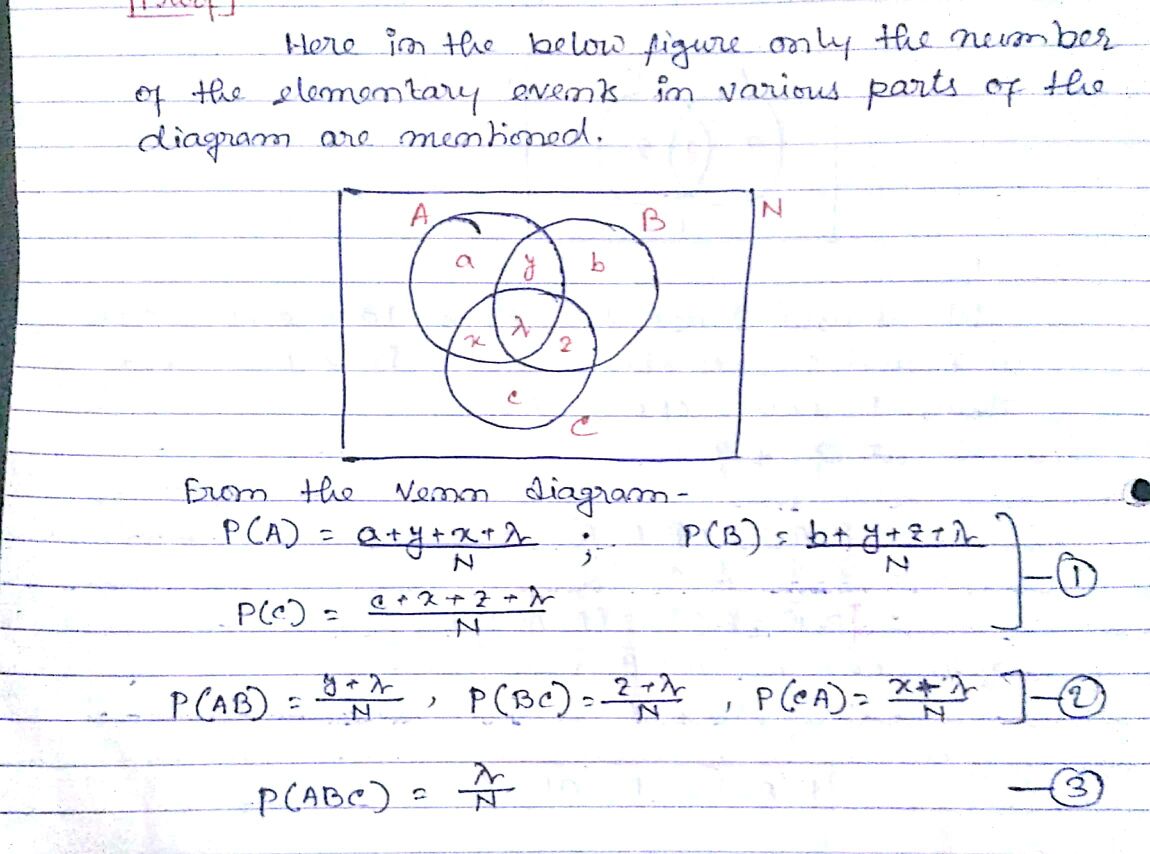
OR

Q2.

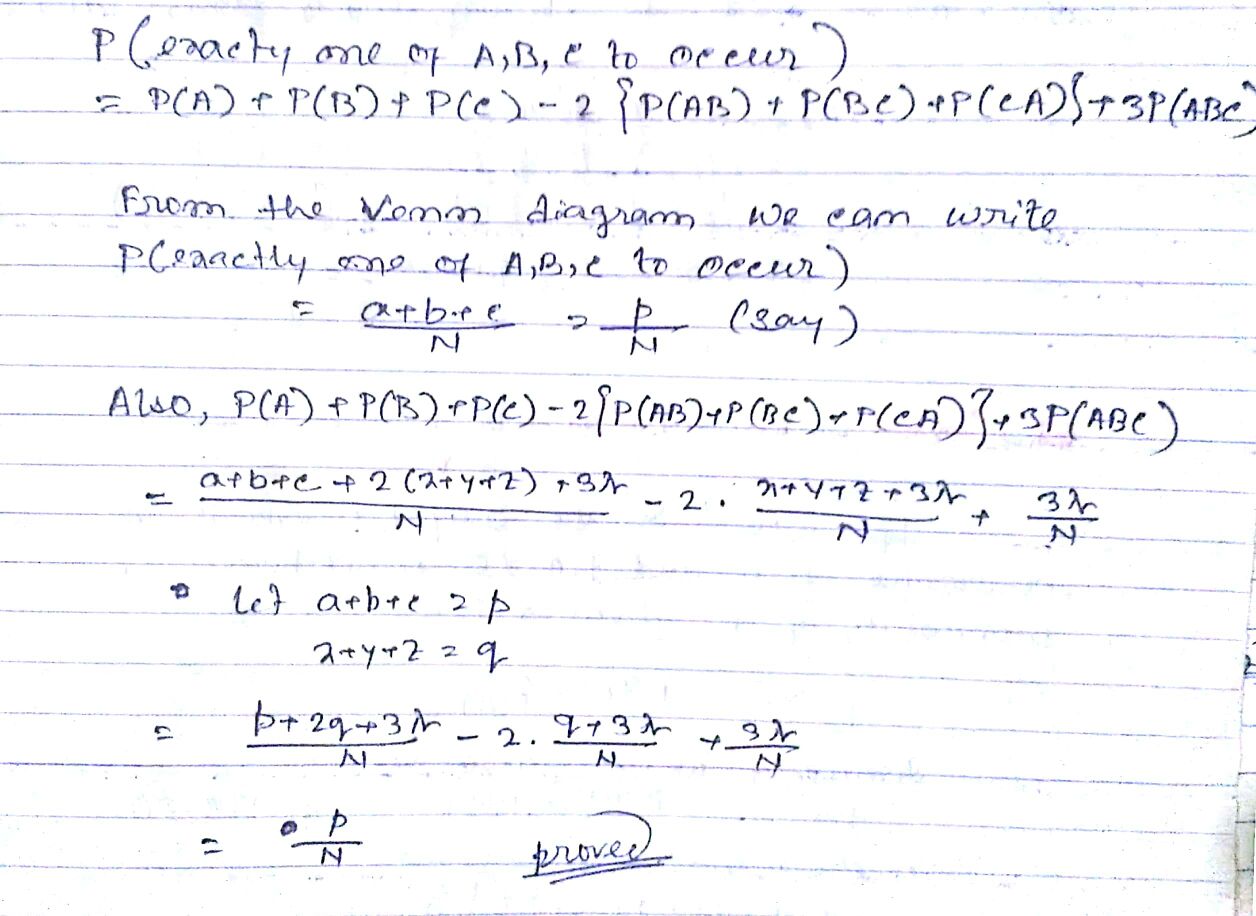
Q3.

OR

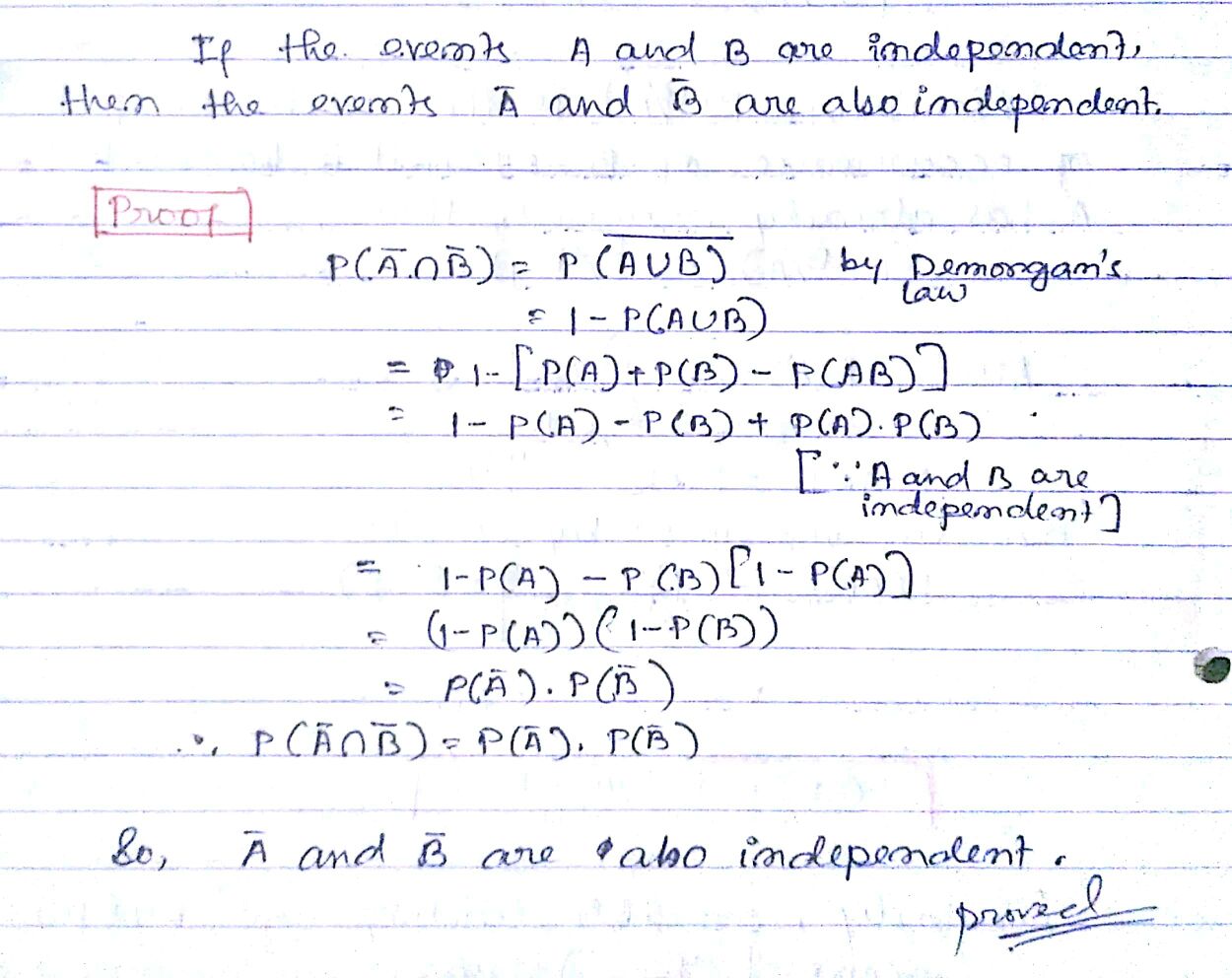
Q3.

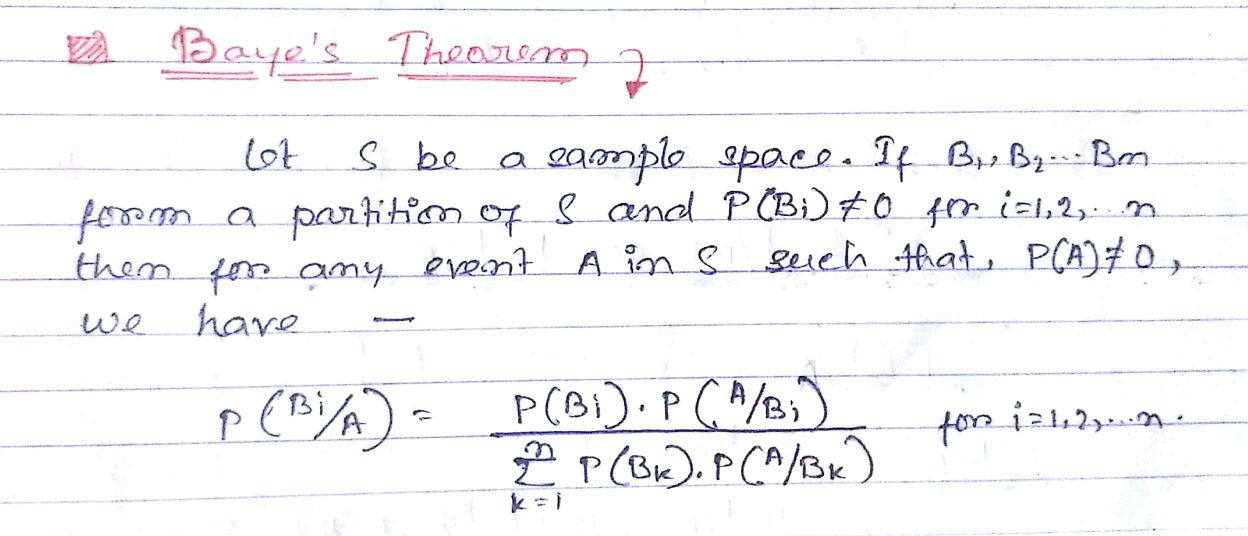


Q4.

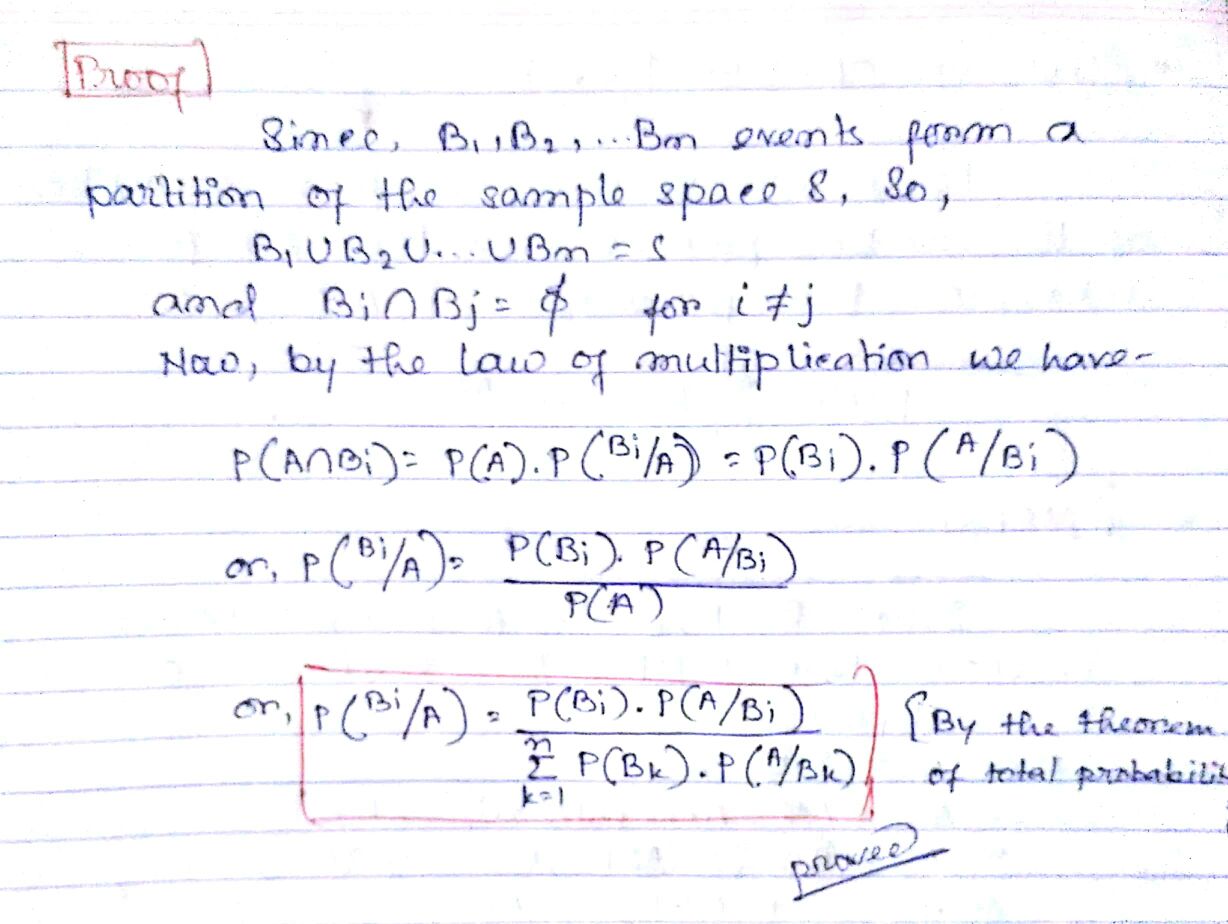


OR

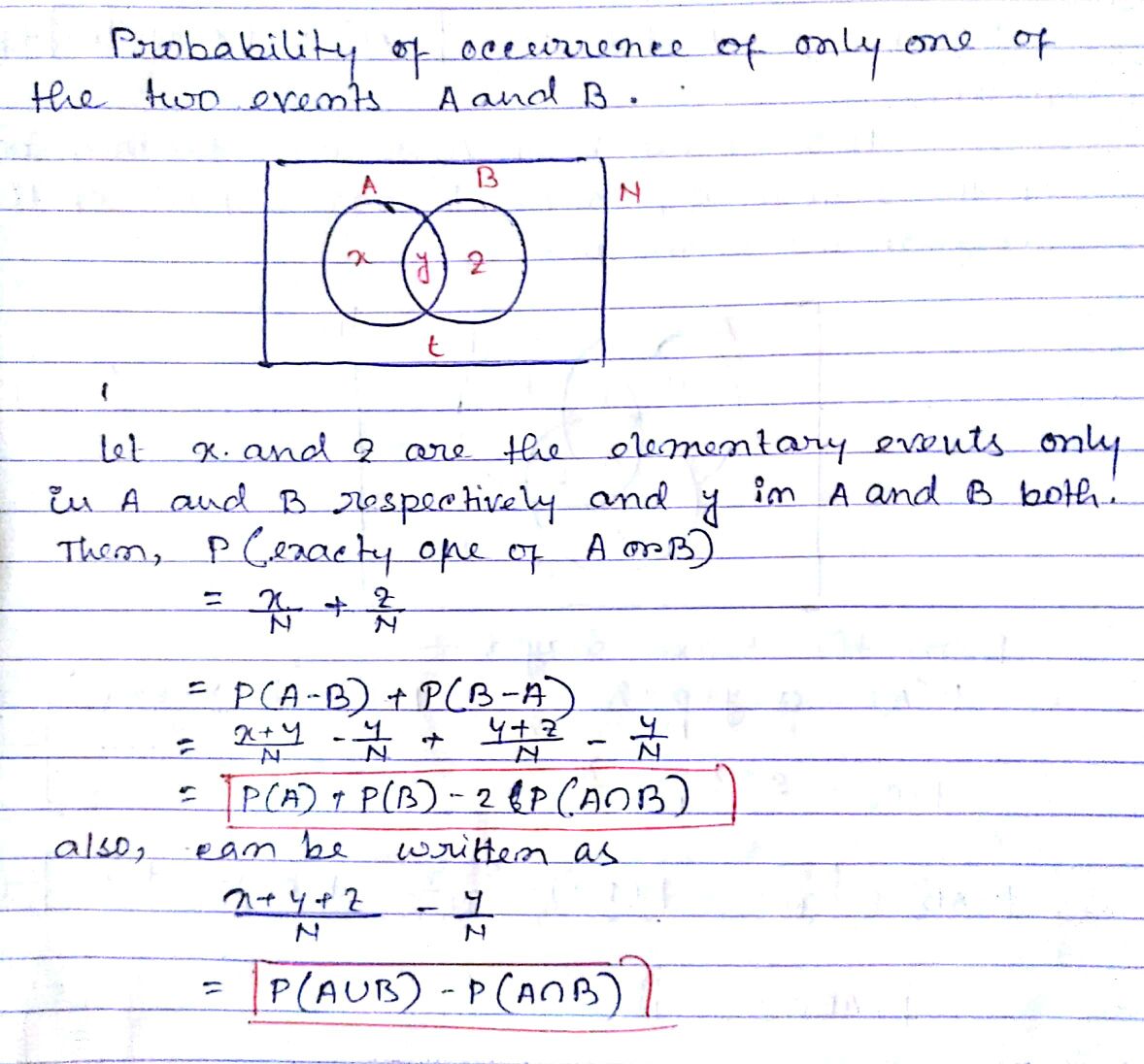
Q4.

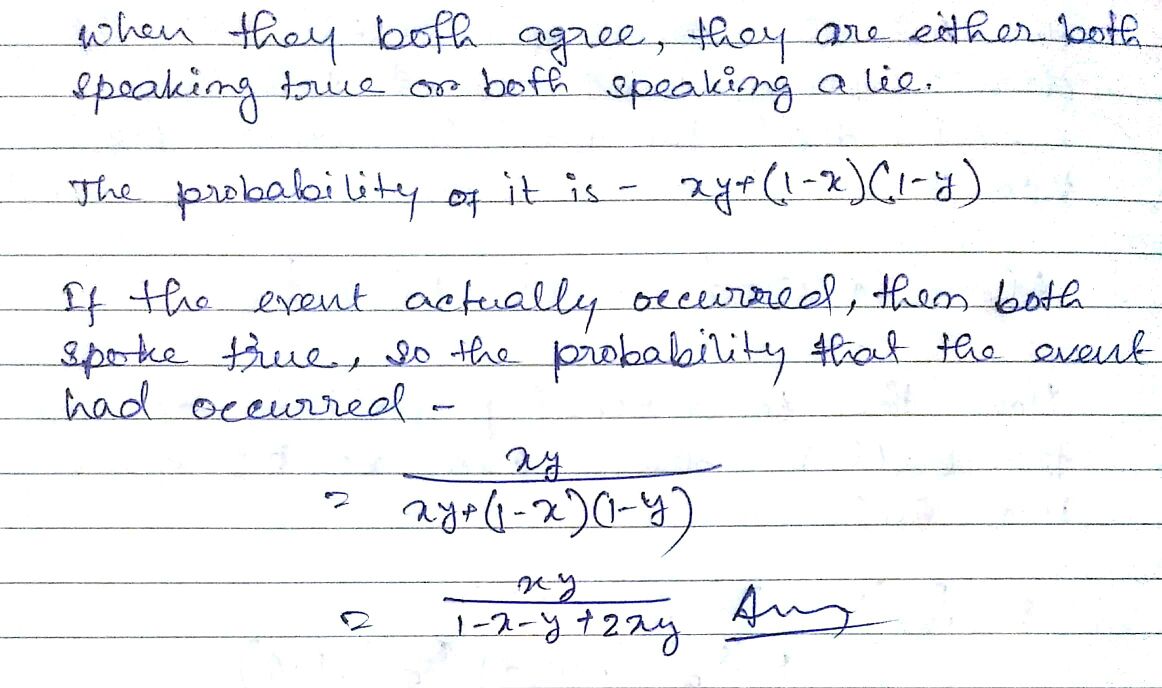
SOLUTION: SET B

Q1.



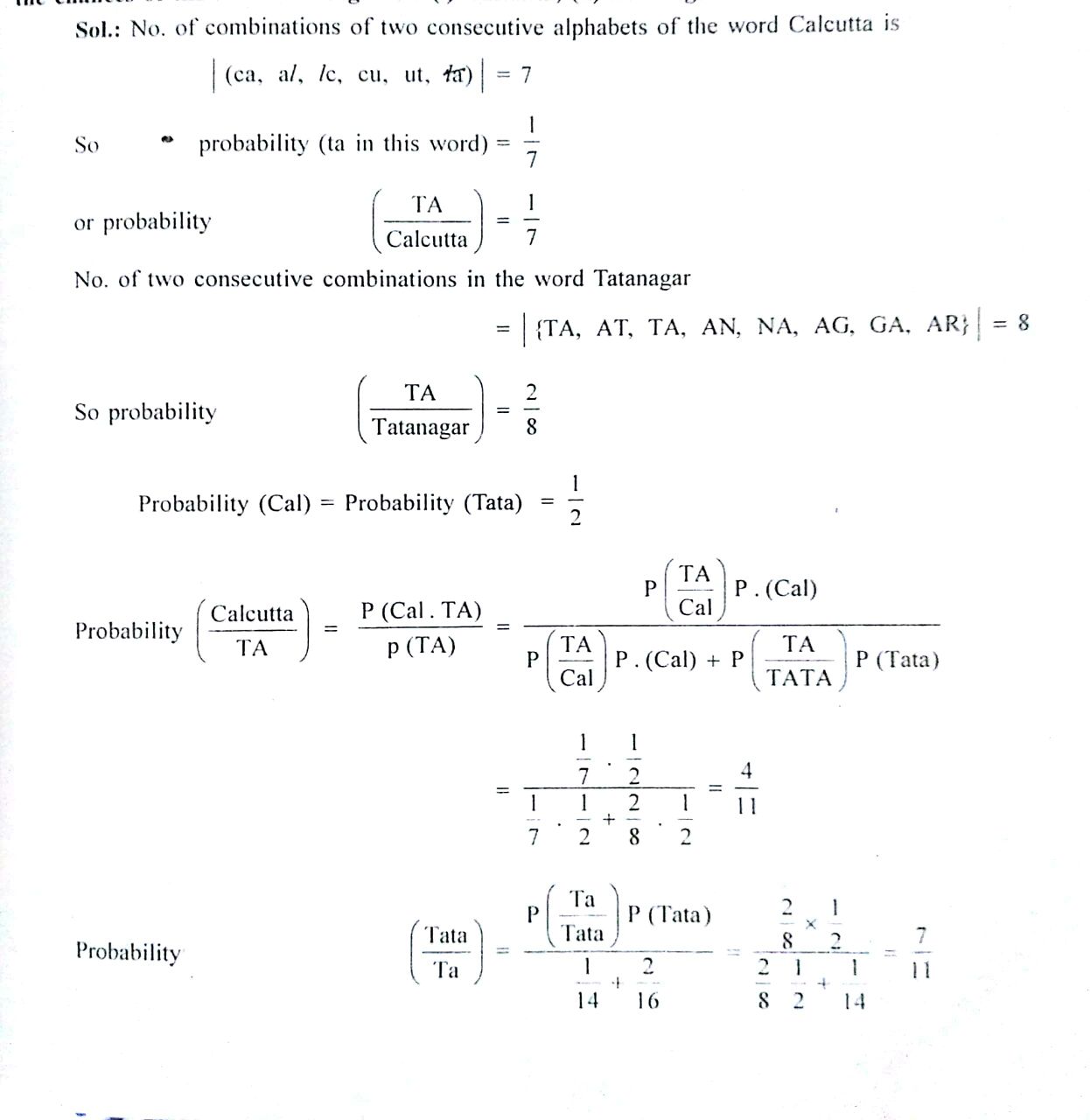
OR

Q1.

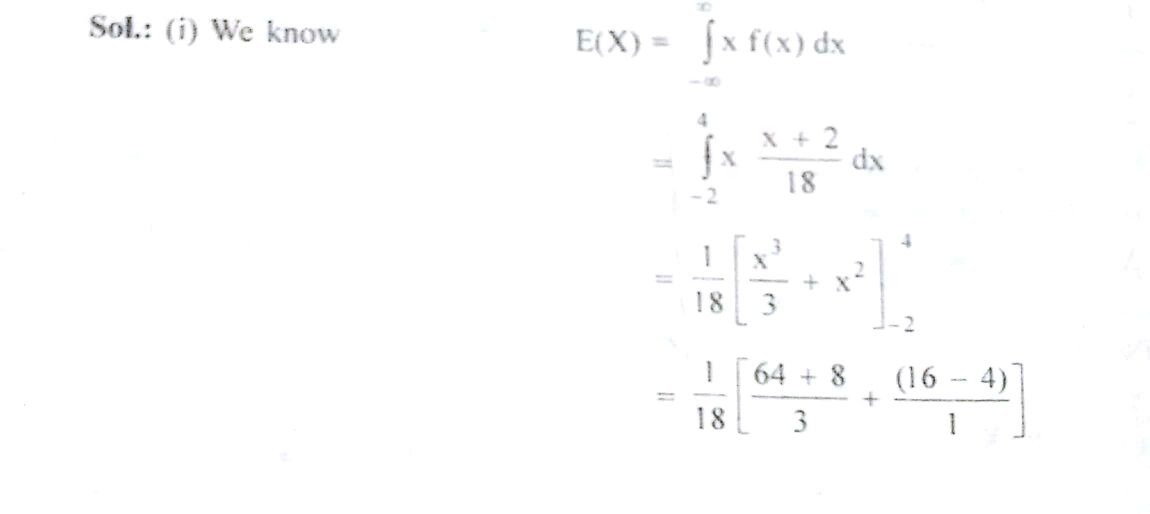


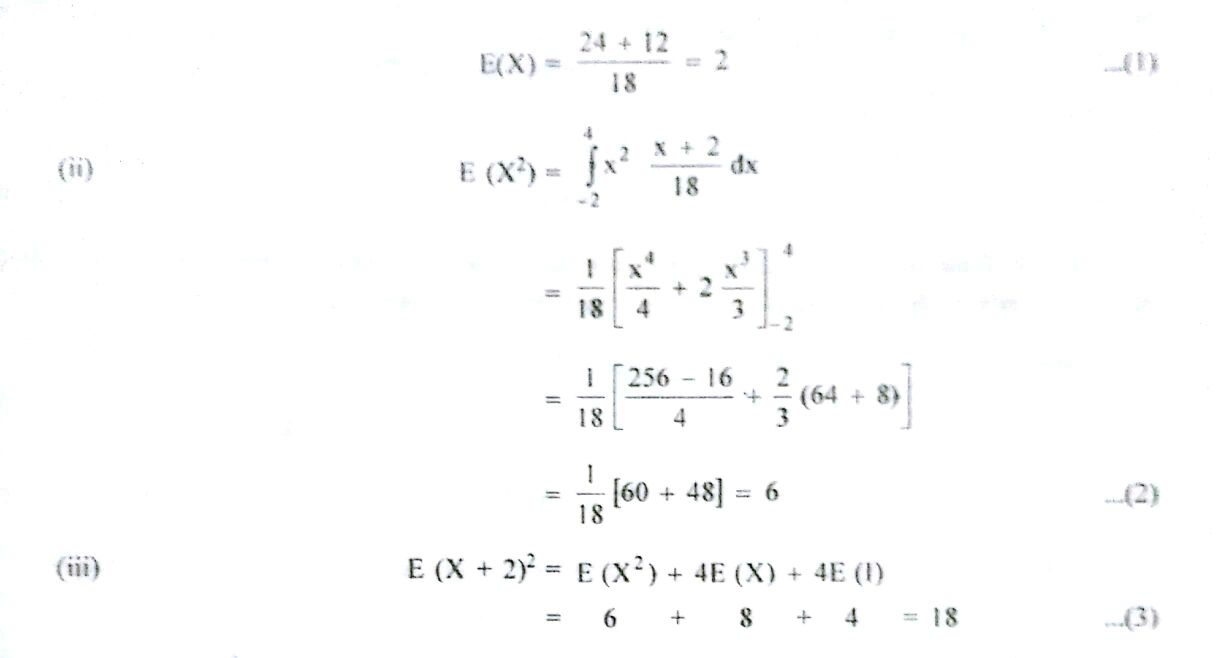
Q2

OR

Q2.

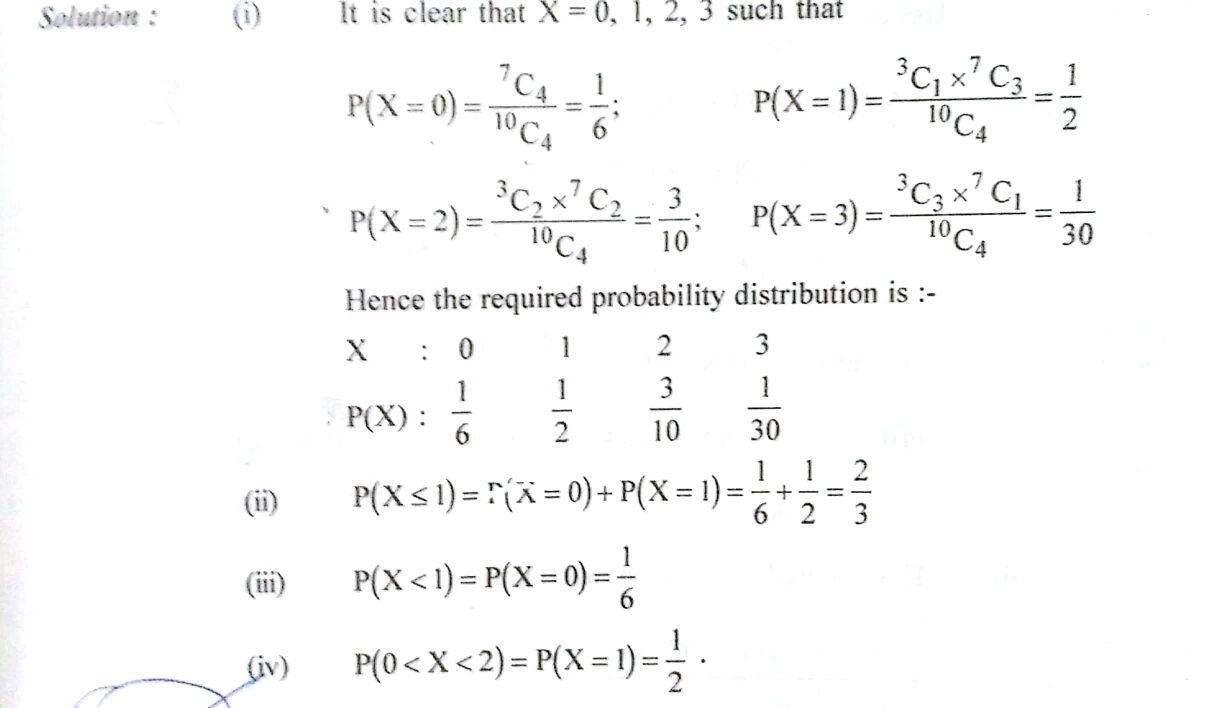
Q3.



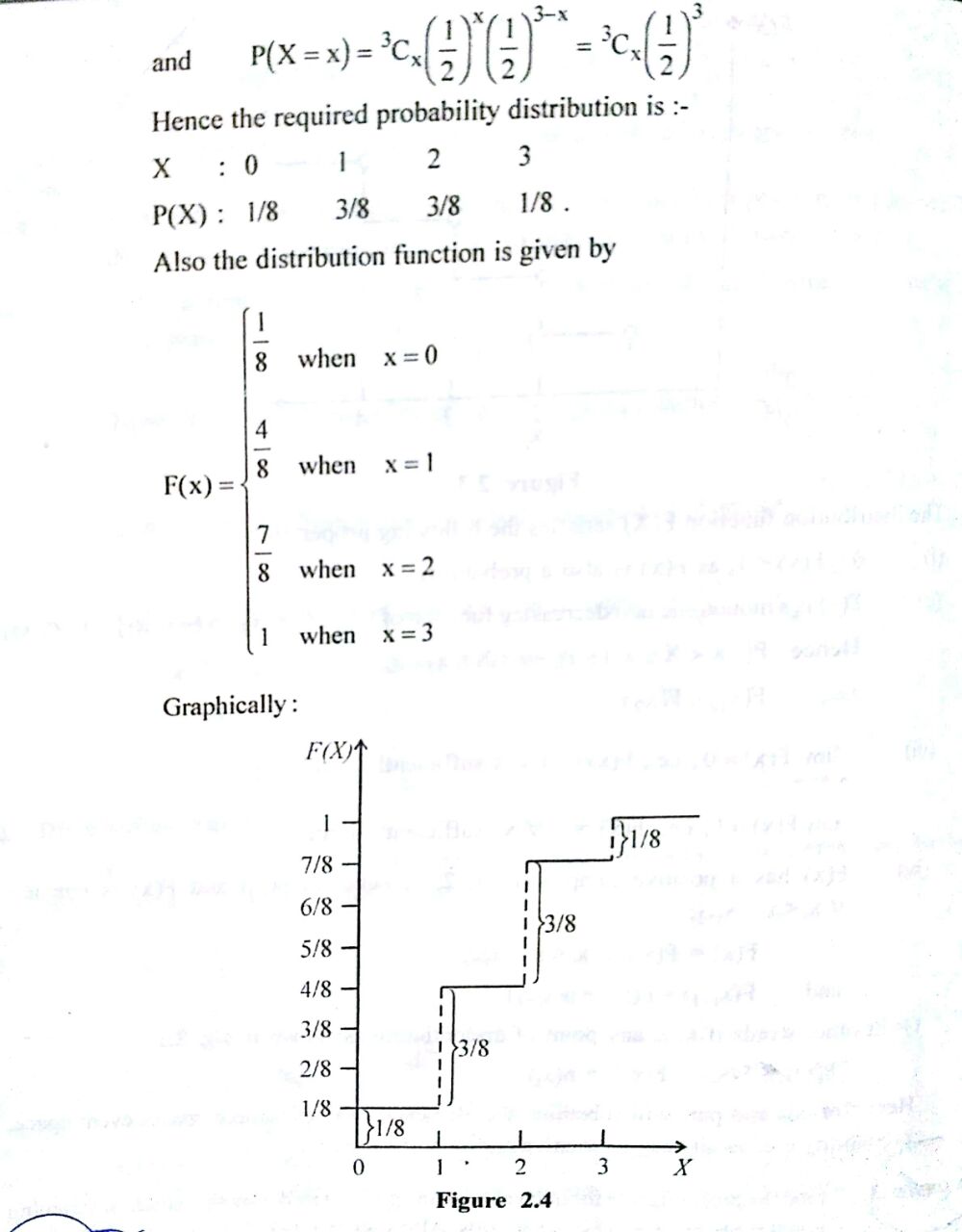
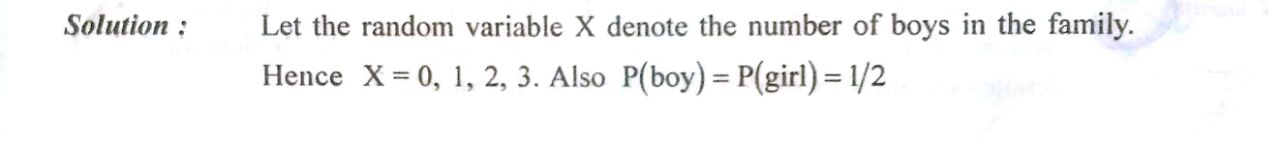


OR

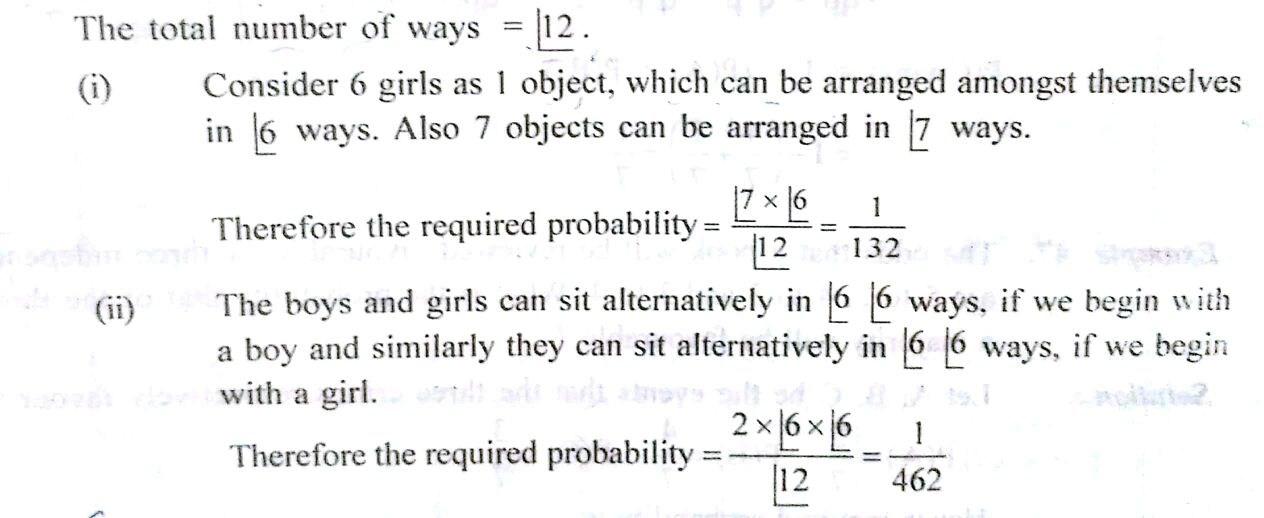
Q3.



Q4.



OR

Q4.