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chapters no: 1

Section no: 1

Exencise >9:

Let pand q be the propositions "swimm - ing at the New Jensey shone is allowed" and "shanks have been spotted near the shone," hespectively. Express seach of these compound proposition as an English sentence:

Solution:

- a) shapko have not been spotted near
- b) swimming at the New Jensey show is allowed, and shapkn have been spotted near the show
- c) Swimming at the NTew Jensey sho is not allowed, on shanks have been spot near the shope.
- d) 49 scenimming at the New Jensey shone is allowed, then shanks have not been spotted near the shone.
- e) 49 shapks have not been spotted near the shope, then swimming at the New Jensey shope is allowed.
 - 1) If scaimming at the New Jensey share

is not allowed, then shanks have not been spotted near the shane.

g) swimming at the New Jensey shope is allowed if and only if shapks have not been spotted near the shope.

h) swimming at the New Jensey shape is not allowed, and either swim - ming at the New Jensey shape is allowed on shape have not been spotted near the shape.