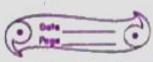
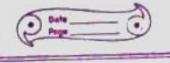


2714 For implication p - q NOY . CD VAGLEG Life plain 1 " 1 " d - b . 1031601 equivalence. · INVETSE " rubai ma negation some TT 70-19 · contrapositive 4 19 - 1P 111-1111 STISYADS computed by interchanging the hypothesis & CONCULSION If we have conditional statement p-q the converse is q-p



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q: I go to the beach. Thing

- COUNCISC 9-1

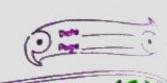
If I go to the beach then it is a supply it is a sunny summer day.

Interse 71719

T do not go to the beach whenever it is not a LANDA LAWWAL 40A

CONTRADUCTIVE

If I do not go to the beach then it is not . YOU ISMAN ! VAAN! O



e) Bi-conditional or Bi-implication (~)

Let ps q be two propositions, the bi-interpretation of the picture ment page is propositions. It is true when page hove same truth rotaer orvelance tonse. · makt to exblore es Op if & any if a @ P (iff) q m p is nectusary & sufficient cond torg O IF P THEN Q & CONVERSELY. parq => (p-q) / (q-p) SIGOT MIDIT .