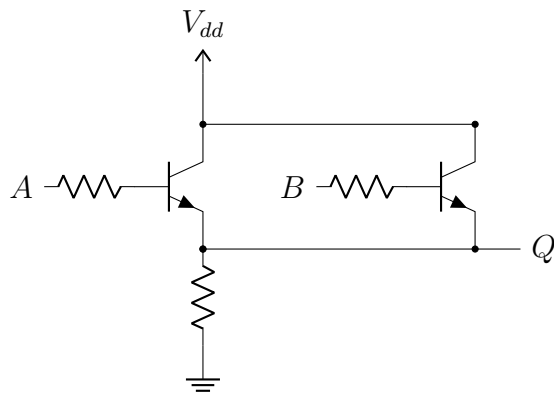


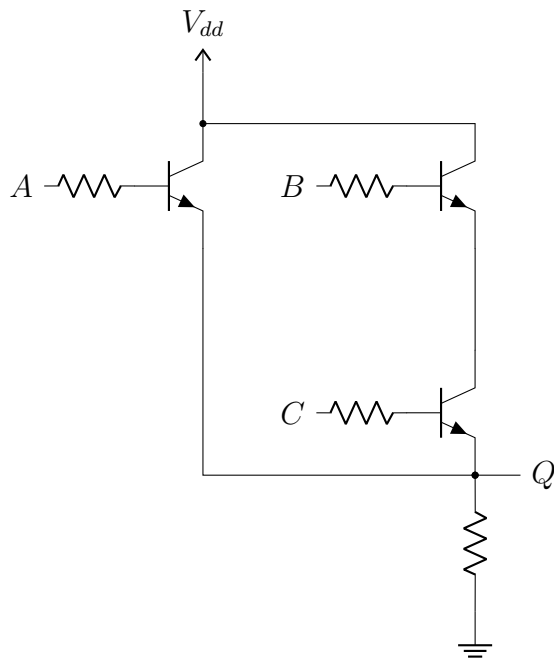
Elementos de sistemas

Funções lógicas com transistores

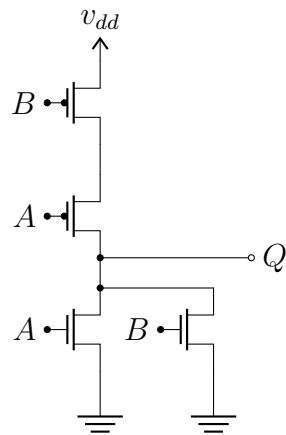
1. Determine as funções lógicas implementadas pelos circuitos a seguir:
a-)



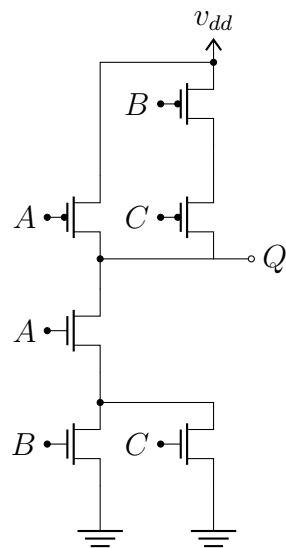
b-)



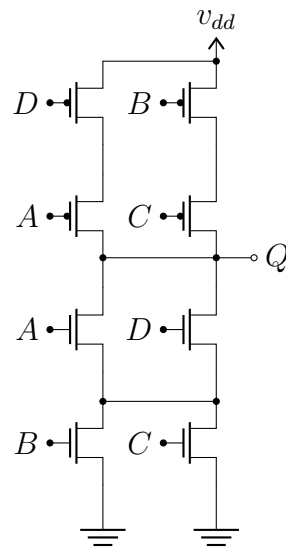
c-)



d-)



e-)



Respostas: a-) $Q = A + B$; b-) $Q = A + BC$; c-) $Q = \overline{A + B}$; d-) $Q = \overline{A(B + C)} = \overline{A} + \overline{B}\overline{C}$; e-) $Q = \overline{(A + D)(B + C)} = \overline{A}\overline{D} + \overline{B}\overline{C}$