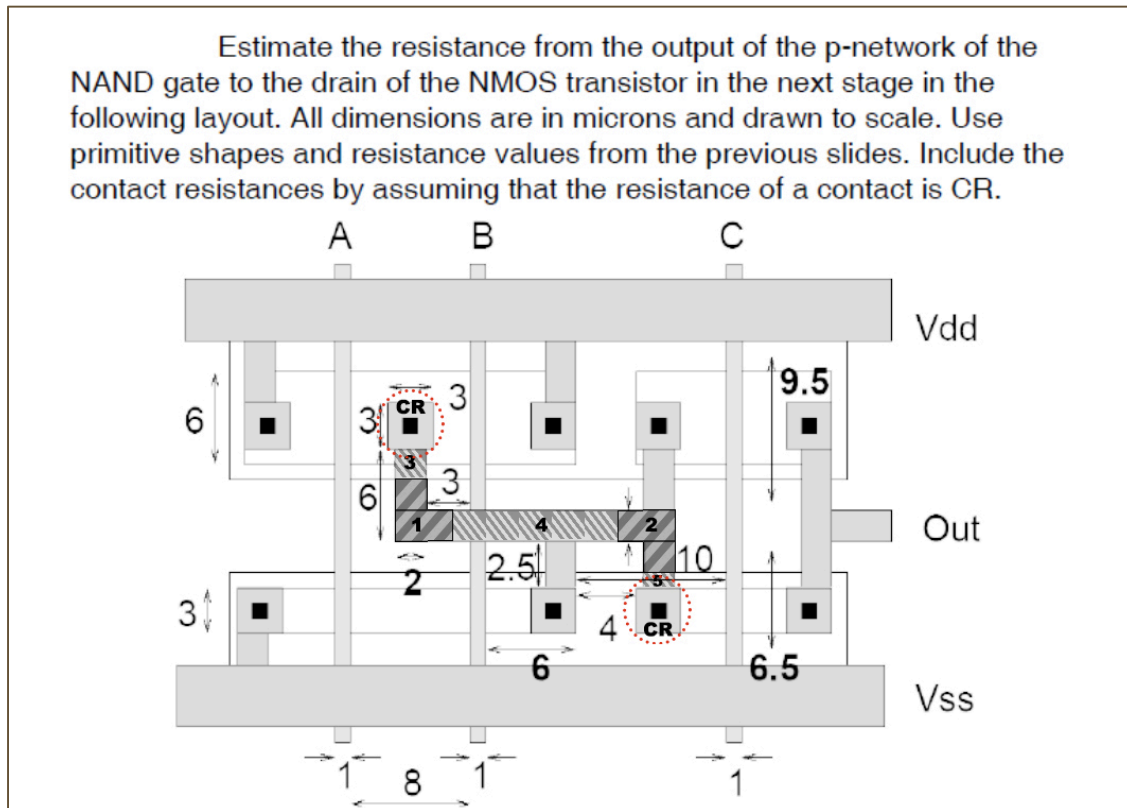


ESE 555 | HOMEWORK 2

Name: Aswin Natesh Venkatesh

SBU ID: 111582677

QUESTION:



SOLUTION:

Shape & Number on Diagram	Calculation	Resistance (Ohm)
Non – Rectangular - 1	$= W1/W2 = 2 / 2 = 1$	2.50
Non – Rectangular - 2	$= W1/W2 = 2 / 2 = 1$	2.50
Rectangular - 3	$= L/W = 2 / 2$	1.00
Rectangular - 4	$= L/W = 10.5 / 2$	5.25
Rectangular - 5	$= L/W = 2 / 0.5$	4.00
Contact 1	$= CR$	CR
Contact 2	$= CR$	CR
Total Resistance:		15.25 + 2CR