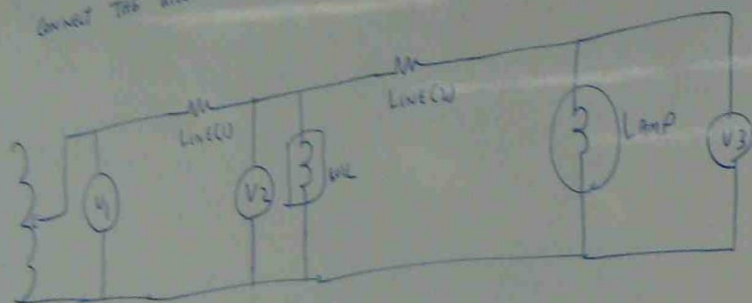


PRACTICAL (2) (FOR TEST (3))

VOLTAGE PROFILE CHART OF DISTRIBUTION SYSTEM

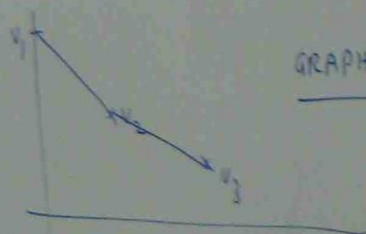
CONNECT THE GIVEN CIRCUIT



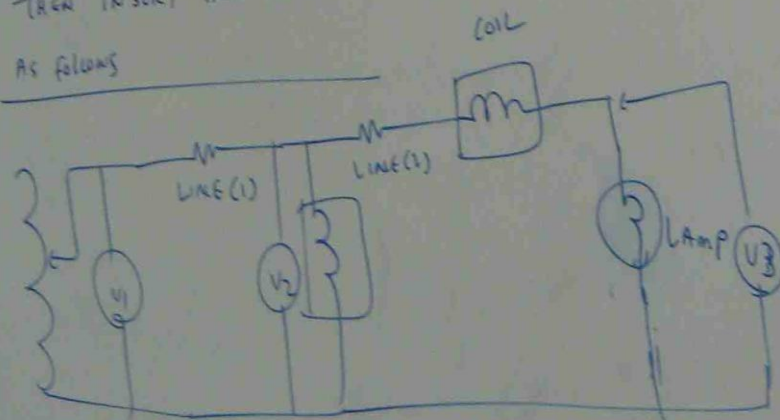
$V_1 = 7V$

MEASURE V_2 & V_3

THEN PLOT THE VOLTAGE PROFILE CHART



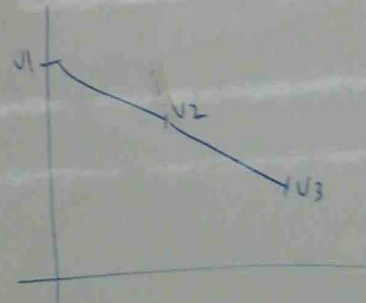
THEN INSERT ANOTHER COIL
AS FOLLOWS



$V_1 = 7V$

MEASURE AGAIN V_2, V_3

THEN PLOT THE VOLTAGE PROFILE CHART AGAIN



COMPARE THE VOLTAGE SLOP
BETWEEN V_2 & V_3
OF GRAPH (1) & (2)

COMMENT THE DIFFERENCE

PROVIDE THE REASON.

QUESTION

FROM VOLTAGE PROFILE
CHART, WHAT CAN YOU
KNOW?

