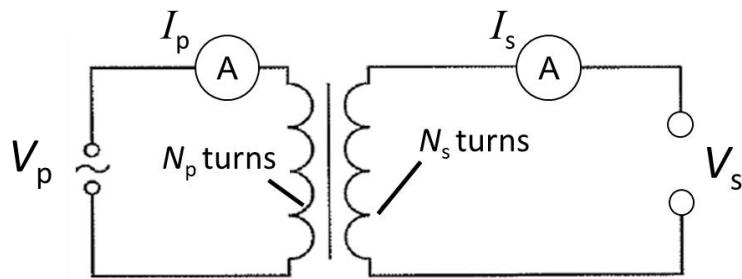


- 27** In a laboratory experiment to test a transformer, a student used the circuit as shown to take measurements.



Two of the data entries are missing from the student's table below:

V_p / V	I_p / mA	N_p turns	V_s / V	I_s / mA	N_s turns
240	2.0	?	?	50	50

Assuming the transformer is 100% efficient, what should the missing data entries be?

	N_p turns	V_s / V
A	25	9.6
B	25	480
C	1250	9.6
D	1250	6000