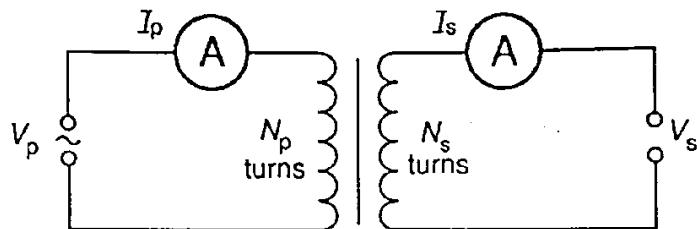


- 28** In a laboratory experiment to test a transformer, a student used the circuit shown in the diagram to take measurements.



Two of the original entries in the student's results table are missing as shown:

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 was 100% efficient, what are the missing results?

	N_p turns	V_s / V
A	50	9.6
B	450	1.0
C	1250	9.6
D	1250	240