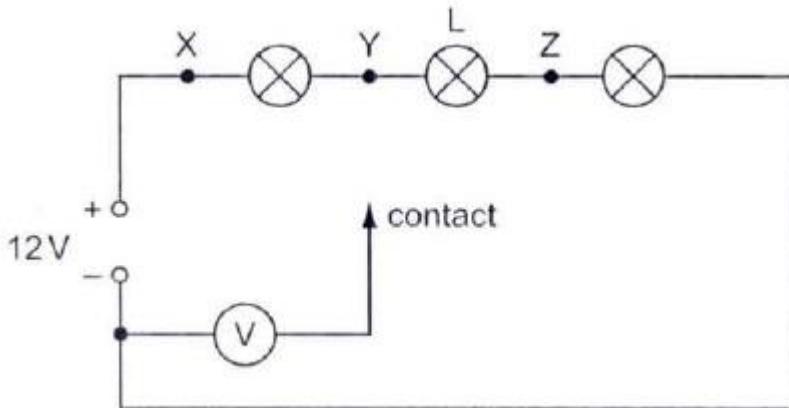


- 21 The diagram shows three lamps in series with a 12 V supply.



The lamps **do not light** because lamp L has a broken filament.

To test the circuit, the contact of the ideal voltmeter is connected in turn to points X, Y and Z and the voltmeter reading at each point is recorded.

Which of the following sets of readings is correct?

	reading at X	reading at Y	reading at Z
A	12 V	8 V	4 V
B	8 V	8 V	0 V
C	12 V	12 V	0 V
D	8 V	12 V	4 V