

NAME: \_\_\_\_\_

CLASS: \_\_\_\_\_

### REVISION: ELECTRICITY

1) Drag and drop the correct answers in the box provided.

$$I_T = I_1 + I_2$$

$$V_1 = V_2 = V_3$$

$$\frac{1}{R_T} = \frac{1}{R_1} + \frac{1}{R_2}$$

$$R_T = R_1 + R_2$$

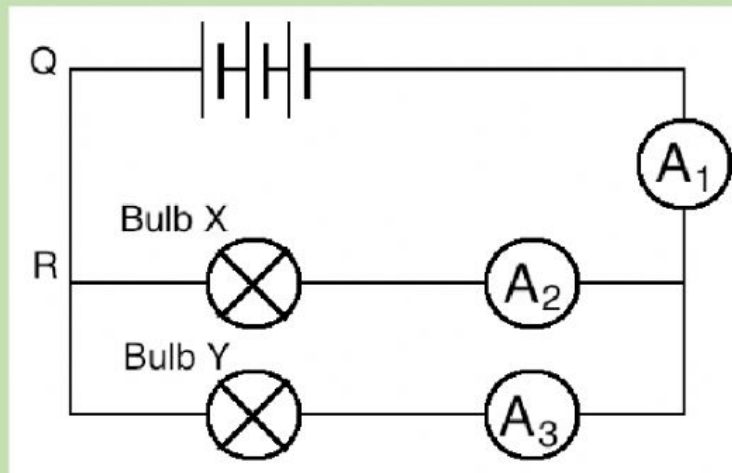
$$I_1 = I_2 = I_3$$

$$V_T = V_1 + V_2$$

	SERIES	PARALLEL
CURRENT		
VOLTAGE		
RESISTANCE		

2) Fill in the correct answers in the box below.

Study the circuit diagram carefully. Bulb X and bulb Y are identical.



a) If the reading at  $A_1$  is 1.0 A, what will be the reading at: -

(i)  $A_2$ : \_\_\_\_\_

(ii)  $A_3$ : \_\_\_\_\_

b) If another ammeter is added across Q and R, what will be the reading of the ammeter?

\_\_\_\_\_

c) If another identical bulb is added parallel to bulb Y, what will happen to the brightness of bulb Y?

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