33

Class:

Name the following electrical circuit components.

power source / Switch

3

0

2. Draw the symbols for the following electrical components.

(a) closed switch (b) resistor M (c) ammeter 3

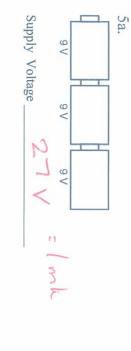
- = lead
- 3. Write the unit and unit symbol used to measure:

c resistance a current voltage amperes volts Unit Symbol \in (3)

4. Define each the following sets of light globes as in either series or in parallel circuit.

O - i Series circuit 11 2

5. Calculate the supply voltage of the battery arrangement for each set of torch batteries



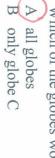


2

Look at the circuit diagram to answer Q 6, Q 7 & Q8



6. All globes in the circuit above were working correctly when globe A broke and stopped glowing Which of the globes would also have stopped glowing because of this?



C only globe B

D no other globes stop glowing

after, globe C broke and stopped glowing. Which of the other globes would also stop glowing because of this? 7. Globe A was then replaced so that all globes in the circuit above were once again working. Soon



C only globe A

D only globe B

D only globe B

8. The circuit is set up as a

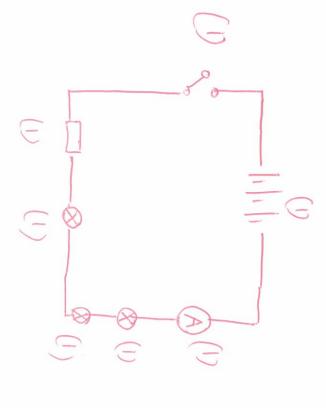
es circuit.

 $\Xi\Xi$

9. In the space below: Draw a circuit diagram

a battery of 3 cells, a switch, an ammeter, a single resistor, and 3 globes in series to each other

(Hint: Use ruler & pencil, cross off each label as you use it!)



7

