

Electricity Test 3 (end of topic)

Name: _____ Class: _____ Date: _____

1. a) How does a switch work?

KU



1 mark

- b)** Draw the symbols for an open switch and a closed switch.

open switch

closed switch

KU

2 marks

- c) If you made a circuit with one cell and two bulbs, would the switch work if you put it between the two bulbs?

yes

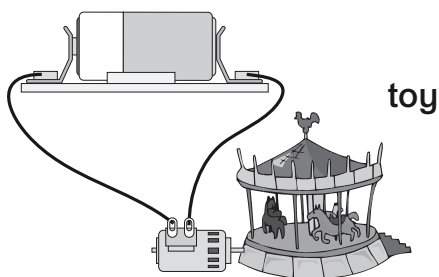
no

11

A

1 mark

- 2. a)** Min constructs a circuit to make her toy roundabout spin.
Use the correct symbols to draw the circuit she used.



Patient Information	
First Name	
Last Name	
Address	
City	
State	
Zip	
Phone	
Insurance	
Physician Information	
Physician Name	
Physician Address	
Physician City	
Physician State	
Physician Zip	
Physician Phone	
Physician Insurance	
Referral Information	
Referral Number	
Referral Date	
Referral Type	
Referral Source	
Referral Reason	
Referral Status	
Referral Notes	
Referral History	
Referral Date	
Referral Type	
Referral Source	
Referral Reason	
Referral Status	
Referral Notes	
Referral Summary	
Referral Date	
Referral Type	
Referral Source	
Referral Reason	
Referral Status	
Referral Notes	

AWS

11

2 marks

Total for
this page

b) Complete Min's prediction.

To make the roundabout go faster, I could

A/WS

☐

1 mark

c) What could Min do to see if her prediction is correct?

☐

Add another cell and count how many times the roundabout spins in half a minute.

☐

Count how many times the roundabout spins in half a minute, then add another cell and count it again.

☐

Count how many times the roundabout spins in half a minute, then add another cell.

A/WS

☐

1 mark

d) How could Min make the roundabout spin the other way?

KU

☐

1 mark

3. Give **one** reason why electrical wires have plastic covers.

KU

☐

1 mark

/10

**Total for
this test**