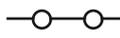
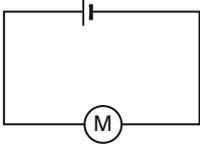


Answers and mark schemes

Year 6 Electricity

Test 3 (end of topic)	Area	Mark	Extra information
1a. When a switch is closed/on, the circuit is complete (or the electricity flows or the bulb lights) or when a switch is open/off, the circuit is broken (or the electricity cannot flow or the bulb is not lit).	KU	1	
1b.  open switch  closed switch	KU	2	Allow drawings with dots or nothing instead of circles
1c. yes	A	1	
2a.  Both symbols correctly drawn Straight lines drawn for wires touching the symbols for cell and motor at each side	A/WS	2	
2b. add more cells/batteries	A/WS	1	
2c. Count how many times the roundabout spins in half a minute, then add another cell and count it again.	A/WS	1	
2d. Reverse the wires on the motor or reverse the wires on the cell.	KU	1	
3. Any one from: Plastic is an insulator/not a conductor (of electricity). It makes it safe to touch. It stops short circuits.	KU	1	