

Question 26 (3 marks)

Some materials become superconductors when cooled to extremely low temperatures. 3
Identify THREE properties of superconductors.

1. When cooled to extremely low temperatures, they will conduct with almost zero resistance.
2. They are ~~not~~ metals, eg gold.
3. They will conduct electricity without ~~heat~~ being supercooled, however the resistance offered will often be so high most of the electricity will be lost in heat.