



Subject: Grade 6 Natural Sciences

Topic: Electricity

Total: 32 Marks

1. A: strength and durability 4 marks

Explanation:

Zinc and lead will lead to a stronger, longer-lasting cable.

2. true 2 marks

Explanation:

Current electricity flows to our homes through overhead or underground cables.

3. false 2 marks

Explanation:

Lightning is a form of **static** electricity which is caused by friction.

4. spark 3 marks

Explanation:

A static charge in the cloud is discharged as a giant spark, known as lightning.

5. true 2 marks

Explanation:

The rubber tyres do not allow the lightning bolt to travel through the car to the ground.

6. static | rubbing 4 marks

Explanation:

Static electricity can be caused by rubbing a plastic ruler with a woollen cloth.

7. D: copper 4 marks

Explanation:

Copper allows an electric current to pass through it.

8. heat 3 marks

Explanation:

Heat causes the particles of the substance to move or vibrate more rapidly.

9. B: Copper

4 marks

Explanation:

Copper is a good conductor of electricity.

10. circuit | touch

4 marks

Explanation:

The electricity takes a shortcut where the bare wires touch each other.

Total: 32 Marks