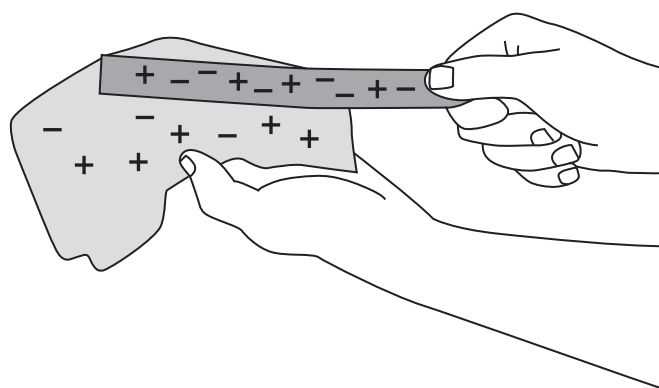


2 When a plastic rod is rubbed with a cloth, the rod gains charge.



(a) How could you show that the plastic rod gains charge?

(1)

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(b) Explain how the plastic rod gains charge when it is rubbed.

(2)

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(c) There are two types of charge.

Describe how you could demonstrate this using different insulating rods and a cloth.

In your answer, you should name any other equipment you would use.

(3)

(Total for Question 2 = 6 marks)

