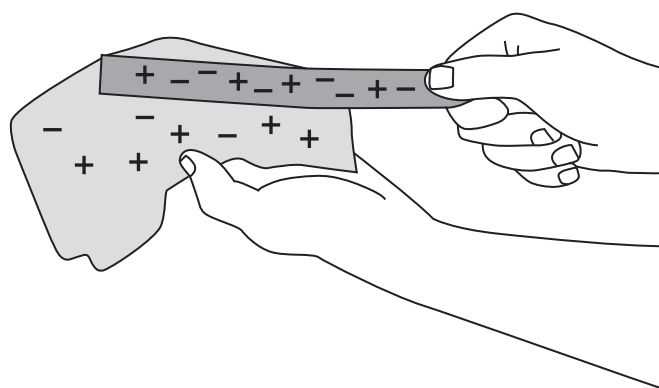


2 When a plastic rod is rubbed with a cloth, the rod gains charge.



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

(1)

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

(2)



(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)

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(Total for Question 2 = 6 marks)



P 4 2 8 7 5 A 0 5 2 0