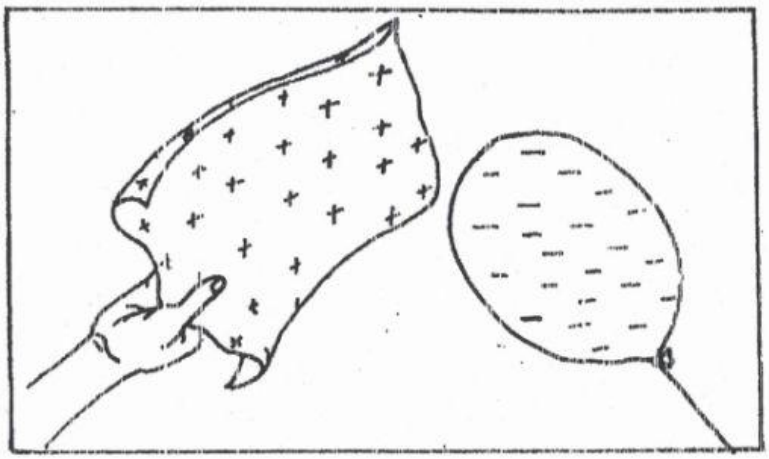
4. The diagram shows a balloon after being rubbed with a piece of woollen cloth.



(a) (i) What kind of electricity is being demonstrated in this process?

_____ [1]

(ii) Give **ONE** other example of this type of electricity at work.

_____ [1]

(b) Name the electric charges shown in

(i) the balloon. _____ [1]

(ii) the woollen cloth. _____ [1]

(c) State the law of attraction (charges).

_____

_____ [2]

(d) What happens to the balloon after being rubbed with the woollen cloth?

_____ [1]

(e) Rubber and wool are poor heat conductors. What term is used to describe them?

_____ [1]

(f) List **TWO** other poor conductors.

(i) _____ [1]

(ii) _____ [1]

LIVEWORKSHEETS