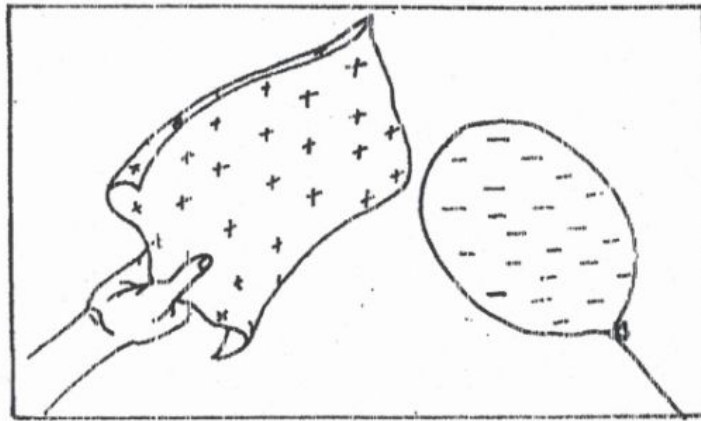


4. The diagram shows a balloon after being rubbed with a piece of woollen cloth.



- (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]