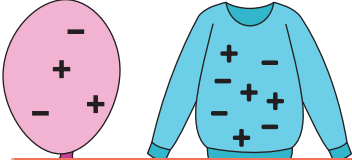


Static Electricity

Observe the pictures and answer the questions on transfer of charges.

A)

The balloon has not been rubbed with the sweater.



1) Before the balloon and sweater are rubbed together:

a) What kind of charge does the balloon have?

positive negative neutral

b) What kind of charge does the sweater have?

Preview


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B)

The steel rod has been rubbed with the silk cloth.



Picture 1

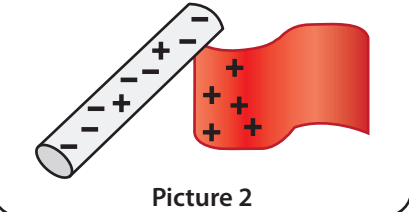
b) What kind of charge does the silk cloth have?

positive negative neutral

2) After the steel rod is rubbed with the silk cloth:

a) The steel rod becomes _____ charged,
and the silk cloth becomes _____ charged.

b) _____ charges move from the silk
cloth to the steel rod.



Picture 2