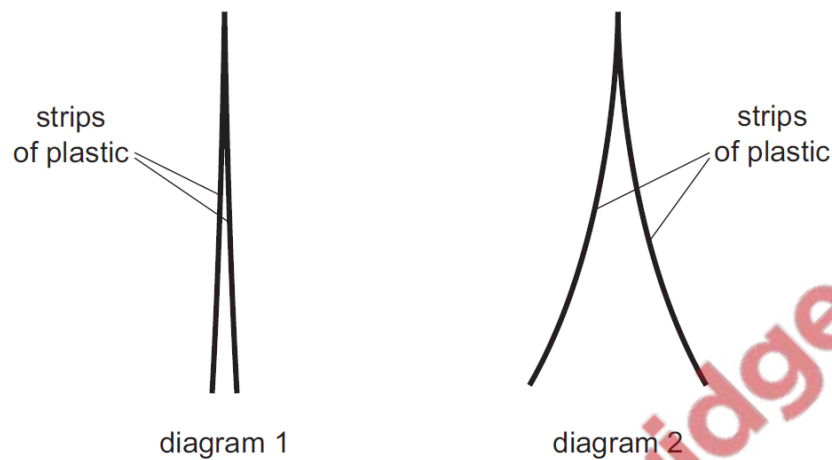


Electrostatics – 2019 June

1. 0625/11\$12\$13,21,22,23/M/J/19/No.30,27

Diagram 1 shows two thin, uncharged strips of plastic.

Diagram 2 shows the same strips after they have been rubbed with a dry cloth.



Which row describes the charge on the strips after rubbing, and the force between the strips after rubbing?

	charge on strips	force between strips
A	opposite	attraction
B	opposite	repulsion
C	the same	attraction
D	the same	repulsion

2. 0625/22/F/M/19/No.29

A metal sphere is charged by induction. There are four stages W, X, Y and Z in this process.

W a charged rod is brought near to the sphere

X the sphere is earthed

Y the charged rod is taken away from the sphere

Z the earth connection is removed

In which order are the four stages carried out?

A W → X → Y → Z

B W → X → Z → Y

C Z → W → X → Y

D X → Z → W → Y