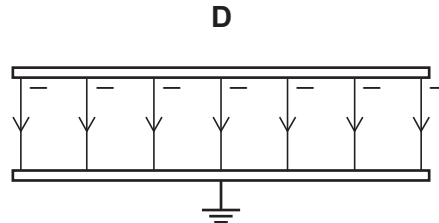
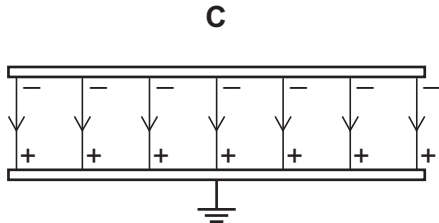
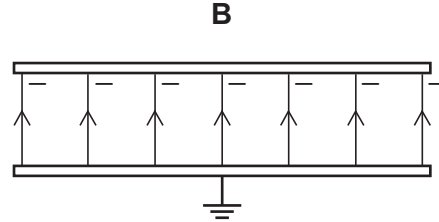
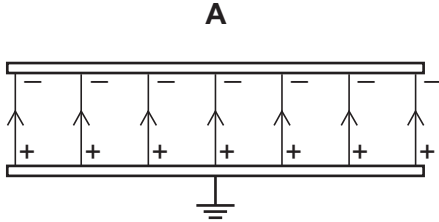


- 30** Two parallel, conducting plates with air between them are placed close to one another. The top plate is given a negative charge and the bottom one is earthed.

Which diagram best represents the distribution of charges and the field between the plates?



- 31** In terms of energy transfer W and charge q , what are the definitions of potential difference (p.d.)