

# Physics 1214 - General Physics II

Quiz #2 - 2013.01.18

Solutions

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1. What is a dipole?

A dipole is a pair of electric charges of equal magnitude but opposite sign, a fixed distance apart.

2. A positive charge  $q$  is spread uniformly over a thin spherical shell. What is the sign of the charge inside this shell?

There is no charge inside the shell!