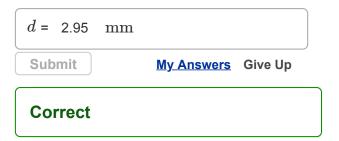
## Exercise 23.42

A very large plastic sheet carries a uniform charge density of -6.00  $n {\rm C/m}^2$  on one face.



## Part C

Find the spacing between equipotential surfaces that di



## Part D

What type of surfaces are these?

We set up the problem as if they are to Set V =1 and integrate Edr. substitute E Charge =  $-6 * 10^-9$ ; Therefore r = (V\*2\*

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Submitted, grade pending