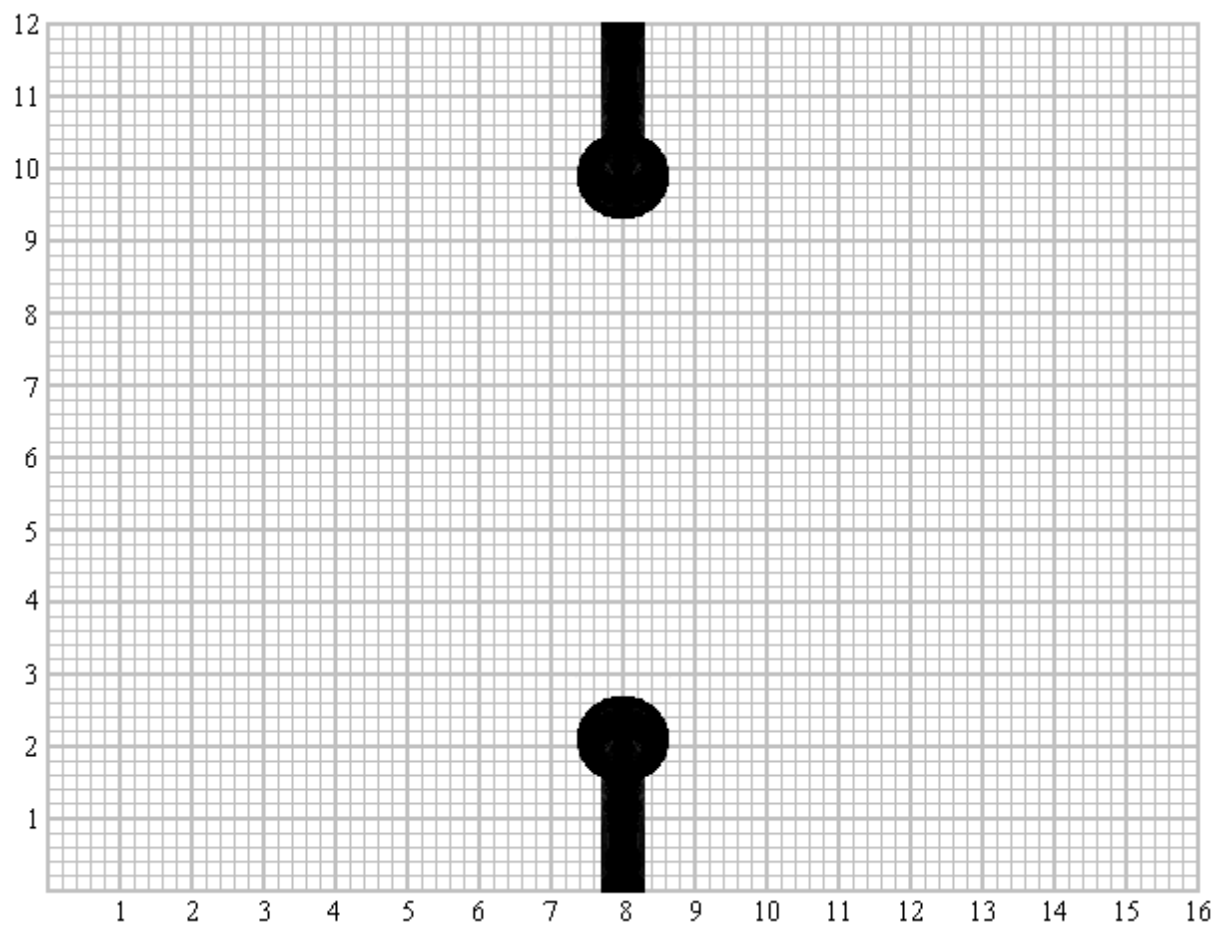


Part 1.



Part 2:

Show how to obtain expression relating Q and d :

So, twice the distance should mean _____ (how many times?) the charge.

What was the problem with air between the capacitor plates?

$V_N =$ _____, $V_W =$ _____

Calculate Q_N and Q_W :