

22. We use Eq. 25-20:

$$V = \frac{1}{4\pi\epsilon_0} \frac{p}{r^2} = \frac{\left(8.99 \times 10^9 \frac{\text{N}\cdot\text{m}^2}{\text{C}^2}\right) (1.47 \times 3.34 \times 10^{-30} \text{ C}\cdot\text{m})}{(52.0 \times 10^{-9} \text{ m})^2} = 1.63 \times 10^{-5} \text{ V} .$$