Dipole field at large
$$r$$
:

$$V_{\rm dip}(\mathbf{r}) = \frac{1}{4\pi\epsilon_0} \frac{\mathbf{p} \cdot \hat{\mathbf{r}}}{r^2}$$

$$\frac{7^{2}}{7^{2}} = r^{2} + \left(\frac{d}{2}\right)^{2} + rd\cos\theta$$

$$= r^{2} \left(1 + \frac{d}{r}\cos\theta + \frac{d^{2}}{4r^{2}}\right)$$

$$V(\vec{r}) = \frac{1}{4\pi \epsilon} \left(\frac{2}{2+} - \frac{2}{2-} \right)$$

$$\frac{1}{24} \approx \frac{1}{2} (17 = \frac{1}{2} \cos \theta)^{1/2} \approx \frac{1}{2} (11 = \frac{1}{2} \cos \theta)$$

$$V(r) = \frac{1}{4\pi\epsilon_0} \frac{4}{4\pi\epsilon_0} \frac{1}{r^2}$$

$$= \frac{1}{4\pi\epsilon_0} \frac{7.7}{r^2}$$

