

$$C = \frac{Q}{V}$$

$$E = Er$$

$$\frac{Q}{E} = \int_{Subsaie} E \cdot 4\pi r^{2}$$

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$$|\Delta V| = \int_{C} \vec{E} \cdot d\vec{r}$$

$$r = \alpha \delta$$

$$= \int_{C} \vec{Q} \cdot d\vec{r}$$

$$r = \alpha \delta$$

$$= \frac{Q}{47,6} \cdot \left(\frac{1}{a} - \frac{1}{b}\right)$$

$$C = \frac{Q}{V} = \frac{Q}{QA}$$
 where  $A = constant$   $V(Q) = aQ + b$