11.

$$V_{A} = 500V$$
. $|\vec{E}| = 200N/c$. =)
 $V_{A} = \frac{k}{r_{A}} = 500V$ $|\vec{E}| = \frac{4}{r_{A}^{2}} = 200N/c$.

$$500 - 200 \text{ (A} = 1) \text{ } r_{A} = \frac{568}{248} = \frac{5}{2} \text{ m}$$

$$\frac{9}{9} = \frac{500.\frac{5}{2}}{9.109} = \frac{250.5}{9.109} = \frac{1,410^{-7} \text{ C}}{9.109}$$

2,5 m. B