$$500 - 200 \, \text{GA} = 1 \, \text{rA} = \frac{568}{268} = \frac{5}{2} \, \text{m}$$

$$\frac{\sqrt{9}}{9} = \frac{500 \cdot \frac{5}{2}}{9.109} = \frac{250 \cdot 5}{9.109} = \frac{1,4 \cdot 10^{-7} \text{ C}}{10^{-7} \text{ C}}$$