

The Pythagorean Theorem gives you:

$$e^2 + 4^2 = 9^2 \Rightarrow e^2 + 16 = 81 \Rightarrow e^2 = 65 \Rightarrow e = \sqrt{65}$$

Then:

$$\cot E = \frac{a}{o} = \frac{4}{\sqrt{65}}$$