major axiss is horizonyal e=0.5

$$\frac{(x-h)^2}{a^2} + \frac{(y-k)^2}{b^2} = 1$$
 $e_{\bar{c}} = \frac{c}{a} = \frac{c}{a^2 - b^2}$

$$b^2 = 4^2 - 2^2 \quad b = \sqrt{12} = 2\sqrt{3}$$

Equation of the chiese =
$$\frac{\chi^2}{16} + \frac{\chi^2}{12} = 1$$