

Write the equation in standard form of the ellipse

46 . Center at the origin, symmetric with respect to the x - and y -axes, focus at $(4, 0)$, and point on graph $(0, 3)$.

. Center $(3, 5)$; vertex $(3, 11)$; one focus: $(3, 5+4\sqrt{2})$

Foci: $(0, 0)$, $(0, 8)$: Major axis of length 16

Graph the ellipse

$$\frac{(x-2)^2}{81} + \frac{(y+1)^2}{16} = 1$$

