The equation of ellipse is:

$$\frac{x^2}{a^2} + \frac{y^2}{b^2} = 1$$

Were: $a - semi - major\ axis, b - semi - minor\ axis.$

$a = \sqrt{6}, b = 2,$

The equation is:

$$\frac{x^2}{6} + \frac{y^2}{4} = 1$$