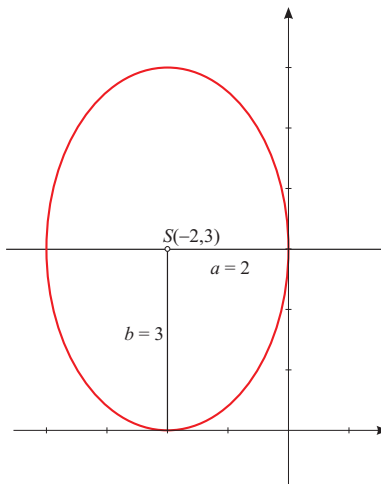


**Zadatak 53.** Osi elipse paralelne su s koordinatnim osima. Elipsa ima središte u točki  $S(-2, 3)$  i dira obje koordinatne osi. Kako glasi njezina jednađba?

**Rješenje.**  $S\left(-2, \begin{smallmatrix} x_0 \\ y_0 \end{smallmatrix}\right)$



$$\frac{(x+2)^2}{4} + \frac{(y-3)^2}{9} = 1 \quad / \cdot 36$$

$$9(x+2)^2 + 4(y-3)^2 = 36$$