

$$(x, y) = (3, 2)$$

$$y = \pm \sqrt{x^2 + C_4}$$

$$2 = \pm \sqrt{3^2 + C_4}$$

$$2 = \sqrt{9 + C_4}$$

$$4 = 9 + C_4$$

$$4 - 9 = C_4$$

$$C_4 = -5$$

$$y = \sqrt{x^2 - 5}$$