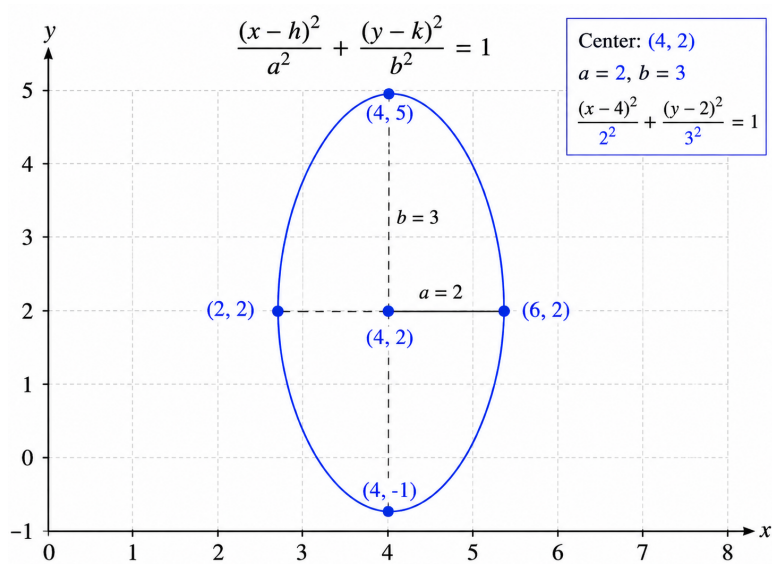
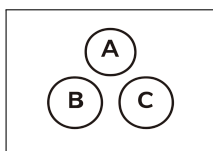


19 Functions and Graphs

Ellipse

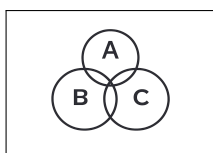
A



$$c = (4, 2)$$

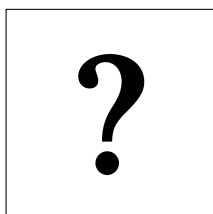
$$a = 2, b = 3$$

$$(x - h)^2/a^2 + (y - k)^2/b^2 = 1$$



$$c = (h, k)$$

$$(x - h)^2/a^2 + (y - k)^2/b^2 = 1$$



$$c = (3, 5)$$

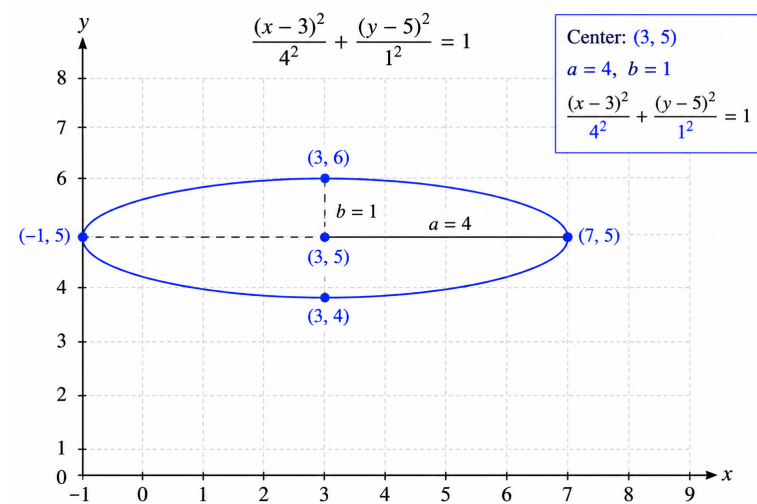
$$a = 4, b = 1$$

$$1 = ?$$

19

Functions and Graphs
Ellipse

A



$$c = (3, 5)$$

$$a = 4, b = 1$$

$$1 = (x-3)^2/4^2 + (y-5)^2/1^2$$