$$(x - x_{c1})^2 + (y - y_{c1})^2 = r_1^2$$
$$(x - x_{c2})^2 + (y - y_{c2})^2 = r_2^2$$

(1)

The circles must touch the x axis so

$$(x - x_{c1})^2 + (y - r_1)^2 = r_1^2$$
$$(x - x_{c2})^2 + (y - r_2)^2 = r_2^2$$

(2)