

14.

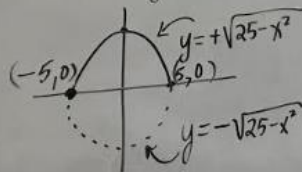
$$x^2 + y^2 = 25$$

$$y^2 = 25 - x^2$$

$$y = \pm \sqrt{25 - x^2}$$

We know what $x^2 + y^2 = 25$ looks like.

What about $y = \sqrt{25 - x^2}$?



$y = \sqrt{25 - x^2}$ is a function b/c for each value in its Domain, there is a unique value in its Range.

$$D: [-5, 5]$$

$$R: [0, 5]$$