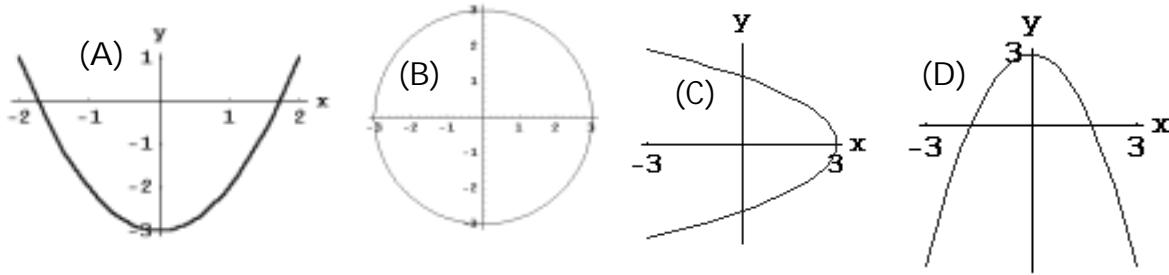


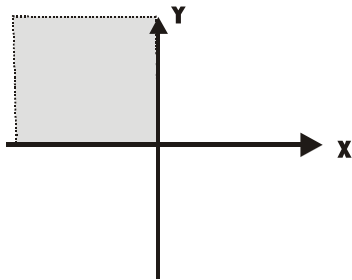
Topic 17: Read graphs in the rectangular coordinate system; graph and write equations of lines

- Find the center and radius of the circle having the equation  $(x-1)^2 + y^2 = 4$  ?
- Write an equation of a circle with center at (2,-1) and radius of 3.
- The graph of  $y + x^2 = 3$  is shown by which graph?



- The area shaded is described by:

(a)  $x \geq y, y \geq 0$     (b)  $x \leq y, y \leq 0$     (c)  $x \geq y, y \leq 0$     (d)  $x \leq y, y \geq 0$



Answers

- Center: (1,0) and radius = 2.
- $(x-2)^2 + (y+1)^2 = 9$
- D
- D