Functions 2.2
Algebra 2

Identify the domain and range for each relation and state whether it is a function?

1) {-4, -1); (2, -1); (0, -1); (4, -1)}   2) {(-1, 3); (-1, 3); (-1, 3)}   3) {(2, 3); (-2, 4); (-4, 5); (-2, 6)}

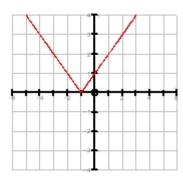Write the equation for each graph. Give the domain and range in set notation, and state whether it is a function.

4)   5)   6)   7)
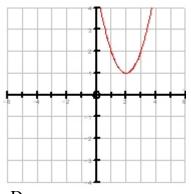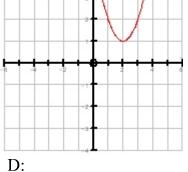

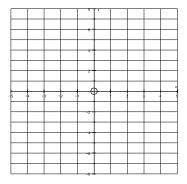D: D: D: D:
R: R: R: R:
Function?   Function?   Function?   Function?

8)   9)   10)   11)
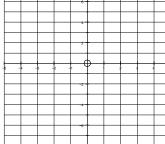

D: D: D: D:
R: R: R: R:
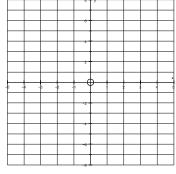Function?   Function?   Function?   Function?
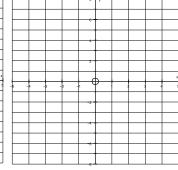
Graph each equation. Give the domain and range in set notation. State whether it is a function?

12) $y = -(x + 3)^2 + 2$ 13) $y = \pm 2\sqrt{x} - 1$ 14) $y = -\sqrt{(-x - 2)}$ 15) $y = -(1/2)x + 1$

D: D: D: D:
R: R: R: R:
Function?   Function?   Function?   Function?