

**Identify the domain and range of each. Write in interval notation.**

7)  $y = \sqrt{x+1}$

8)  $y = -3 + \sqrt{x+5}$

9)  $y = \sqrt{x} - 2$

10)  $y = \sqrt{3-x} - 1$

11) What types of functions have we learned so far and what shape do they make? What is the most common form of the equation for this function?

A.

B.

C.

D.

12) Write a story problem that produces a linear function?