Sketching Graphs.

Name \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Date \_\_\_\_\_\_\_\_\_\_\_\_\_\_

1. The graphs of two functions are given.
	1.  **b.**

***y***

***y***



***x***

***x***

In each case draw the graphs of the following functions.

* + - 1. 
			2. 
1. Use shifts to graph the following functions. Start from the basic graph.
	1. 
	2. 
	3. 

***y***

***y***



***x***

***x***

1. Write an equation for each function drawn below.

***y***



***x***

**A**: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ **B**: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**C**: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ **D**: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**E**: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

1. Use transformations to sketch the graph of the following functions.
	1.  **b.** 