C5L8 Notes
Graphing Absolute Value Functions

*** vertical shift c units up:** **h(x) = _____**

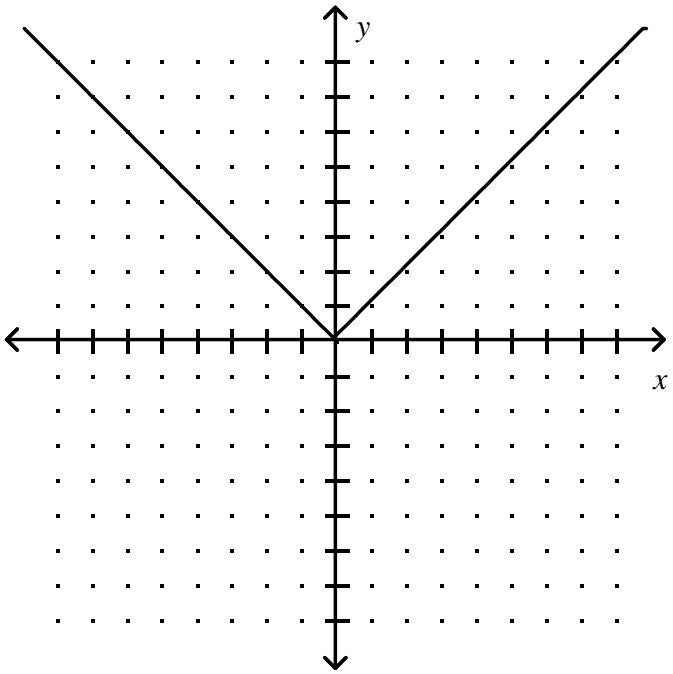
*** vertical shift c units down:** **h(x) = _____**

*** horizontal shift c units right:** **h(x) = _____**

*** horizontal shift c units left:** **h(x) = _____**

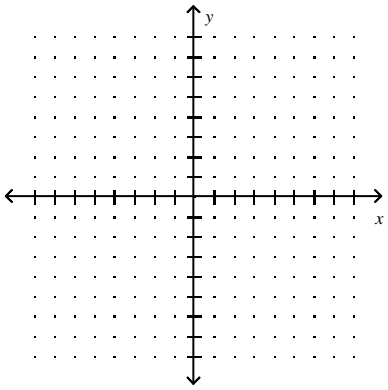
*** reflection on the x-axis:** **h(x) = _____**

Absolute Value Parent Graph:

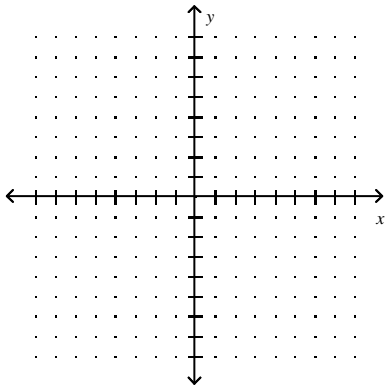


Describe the transformations to the absolute value graph when the function is changed to the following. Then graph.

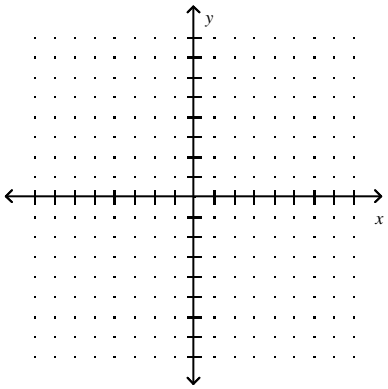
1. f(x) =



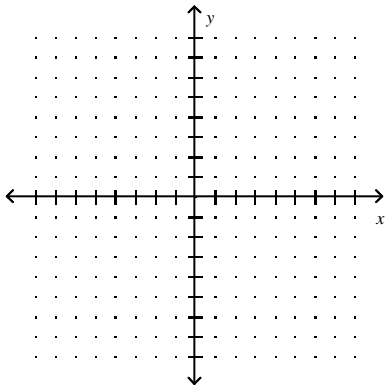
2. f(x) =



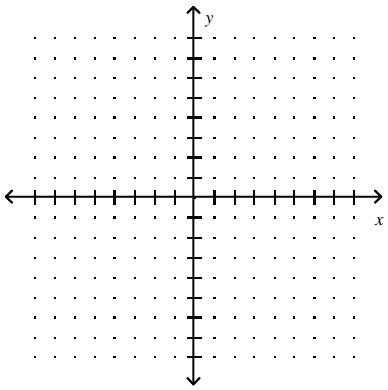
3. f(x) =



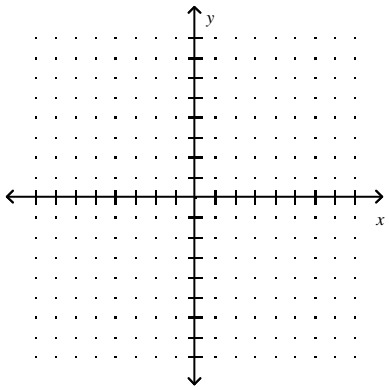
4. f(x) =



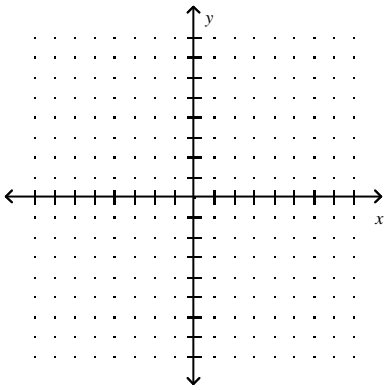
5. f(x) =



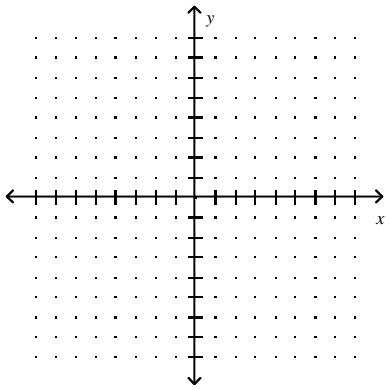
6. f(x) =



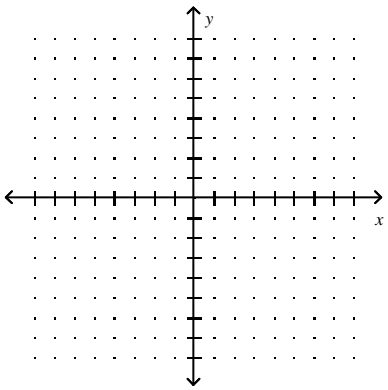
7. f(x) =



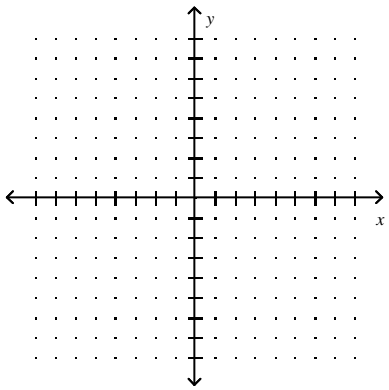
8. f(x) =



9. f(x) =

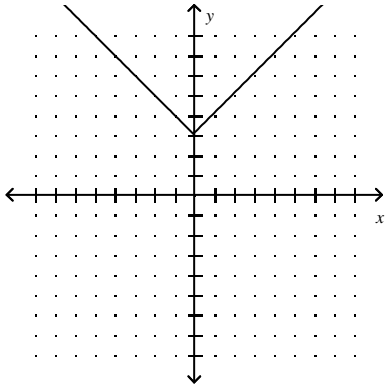


10. f(x) =

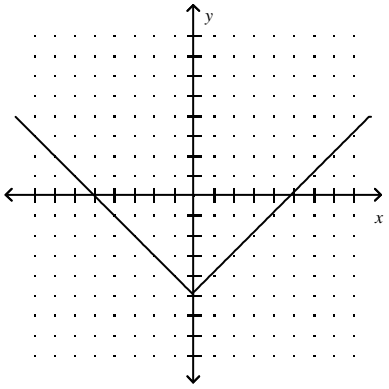


Describe the transformations of the absolute value graph shown, then write the equation that represents the graph.

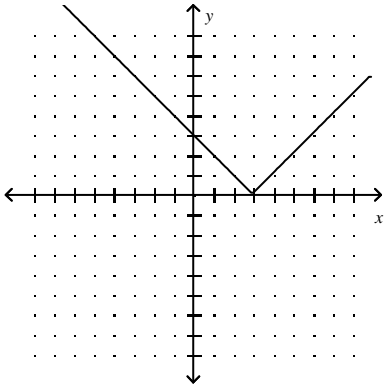
11.



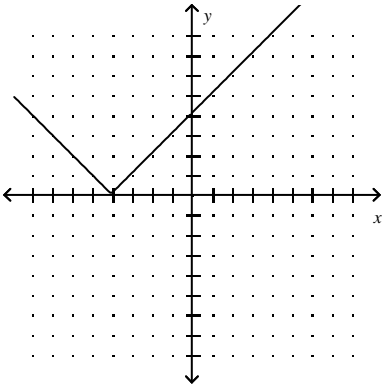
12.



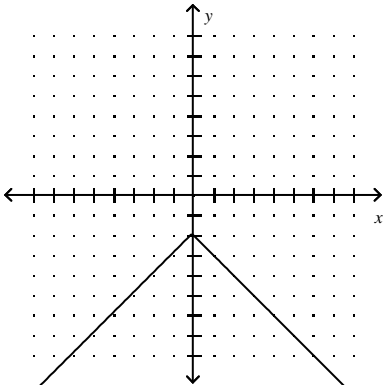
13.



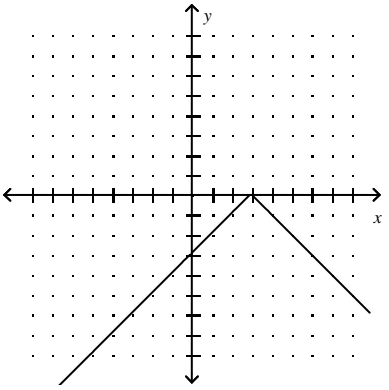
14.



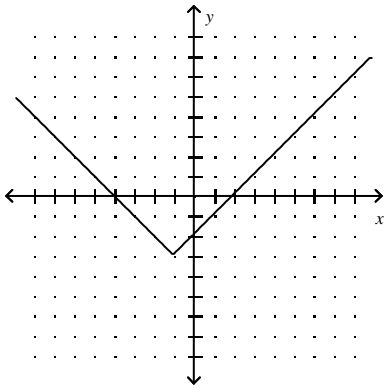
15.



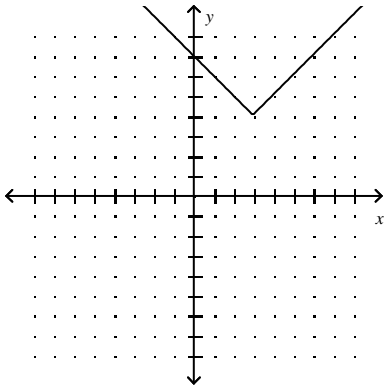
16.



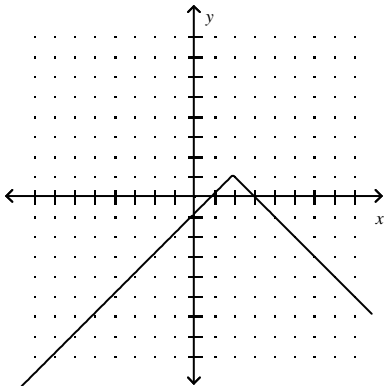
17.



18.



19.



20.