Name:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Limits Test Review

Find the limit of the function:

**1. 2. 3. 4.**

****

**5. 6. 7. 8.**

****

**9. 10. 11. 12.**

****

**13. 14. 15. 16.**

****

**17. 18. 19. 20.**

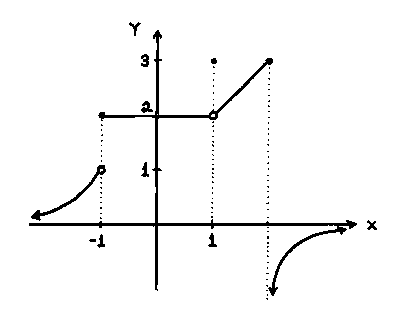
**21.** Use the Intermediate Value Theorem to show that has a zero on the interval [0,1]

Find where the function is discontinuous and describe the type of discontinuity

**22. 23. 24.**

**25**. Find the value of c that will make f(x) continuous at x=1

****



Use the graph below of g(x) to answer the questions

**26. 27. 28.**

**29. 30. 31.**

****

**32. 33. 34.**

**35.** Find where g(x) is discontinuous and list the type of  
 discontinuity