# LIMITS

# A GRAPHICAL APPROACH

Refer to the graph below to answer each of the following questions.
If a limit doesn't exist explain why.

1. $\lim_{x\to\infty} F(x) =$
2. $\lim_{x\to-\infty} F(x) =$
3. $\lim_{x\to a^+} F(x) =$
4. $\lim_{x\to a^-} F(x) =$
5. $\lim_{x\to a} F(x) =$
6. $\lim_{x\to 0} F(x) =$
7. $\lim_{x\to b^+} F(x) =$
8. $\lim_{x\to b^-} F(x) =$
9. $\lim_{x\to b} F(x) =$
10. $\lim_{x\to c} F(x) =$
11. $\lim_{x\to d} F(x) =$
12. $\lim_{x\to e} F(x) =$
13. $F(e) =$
14. $F(0) =$
15. $F(b) =$
16. Explain in words the difference between $F(c)$ and $\lim_{x\to c} F(x)$