Name (Print):_____

Function Summary TEMPLATE

FUNCTION: $f(x) =$ _____

1. Domain: x-axis	**7. Relative Max/Min POINTS** **a. Maximum:** **b. Minimum:**
2. Intercepts: **a. y-intercept POINT:** **b. x-intercept POINT:**	**8. Concave Upward/Downward: x-axis** **a. Upward:** **b. Downward:**
3. Continuity: x-axis **a. Holes:** **b. Finite Jumps:** **c. Vertical Asymptotes:**	**9. Inflection POINTS:** **10. Graph:** **Draw graph & label important points on page below**

d. Positive: f(x) > 0 ; x-axis **e. Negative: f(x) < 0 ; x-axis**	**11. Absolute Max/Min POINTS** **a. Maximum:** **b. Minimum**
4. Behavior at (toward) Infinity: **a.** $x \to -\infty \Rightarrow f(x) \to ?$ **b.** $x \to +\infty \Rightarrow f(x) \to ?$	**12. Range: y-axis**
5. Odd/Even:	**13. Comments:**
6. Increasing/Decreasing: x-axis **a. Increasing:** **b. Decreasing**	

GRAPH f :