

Calculus : Derivative Applications

Group Work – Curve Sketching

Date _____ Period _____ **a.** f(x) is continuous f(x)f(x)4. **b.** f'(x) < 0 on (-1, 4)**c.** f'(x) > 0 on $(-\infty, -1) \cup (4, \infty)$ $f'(x) \leftarrow$ **d.** f'(x) = 0 when x = -1, x = 4e. f'' < 0 on $(-\infty, 1.5)$ $f''(x) \blacktriangleleft$ **f.** f" > 0 on $(1.5, \infty)$

Name _____









