**Calculus Derivative Quiz Outline**

**1. Find the derivative using the difference quotient.**

**2. Sandwich Theorem & IVT.**

**3. Using the graph of** $f(x)$**, sketch** $f'(x)$**.**

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**4. Use the power rule to find the derivative.**

**5. Find the equation of a tangent to a curve, and a normal line to a curve.**

**6. Find the first, second and third derivatives. Explain what they mean.**