**Pre Calc Review WS 12.1-12.3 & Derivatives**

**Find the first derivative.**

1.  2. 
2.  4. 
3.  6. 
4. **Find the slope of the tangent line** to  at (-2, -19).
5. **Find the slope of the tangent line** to  at (-1, 1).

**Find the limit. DO NOT write DNE.**

9.  10.  11. 

12.  13.  14. 

**15. Graph and find the following values, if they exist. **

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**16. State the value of the limit, if it exists from the given graph.**

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