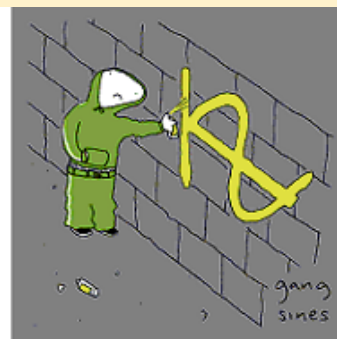
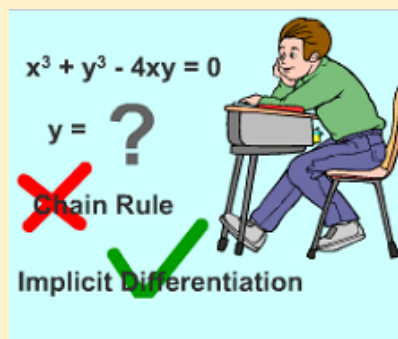


# Unit 4: Implicit Differentiation



## AP Calculus Learning Objectives Explored in this Section

- Calculate derivatives
- Determine higher order derivatives
- Solve problems involving slope of a tangent line
- Solve problems involving rates of change in applied contexts

<u>Date</u>	<u>Objective</u>	<u>In Class</u>	<u>Homework</u>	<u>Solutions</u>
1: Friday 10/4		<a href="#">Implicit Differentiation Notesheet</a>	<a href="#">Implicit Differentiation HW</a>	<a href="#">Homework Solutions</a>
2: Monday 10/7		<a href="#">Derivatives of Inverses Notesheet</a>  <a href="#">Practice</a>	<a href="#">Implicit Differentiation Day 2 HW</a>	<a href="#">Practice Solutions</a>  <a href="#">Homework Solutions</a>
3: Tuesday 10/8		<a href="#">Practice</a>  <b>Minor Assessment</b>	<a href="#">Derivatives of Inverses HW</a>	<a href="#">Practice Solutions</a>  <a href="#">Homework Solutions</a>
Wednesday 10/9	Teacher Workday			
4: Thursday 10/10		<a href="#">Derivatives of Exponential and Log Functions Notesheet</a>	<a href="#">Derivatives of Exponential &amp; Log Functions HW</a>	<a href="#">Practice Solutions</a>  <a href="#">Homework Solutions</a>

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		<a href="#">Practice</a>		
5: Friday 10/11 Pep Rally		Review <a href="#">Stations Review Problems</a>	<a href="#">Free Response HW</a>	<a href="#">Stations Solutions</a> <a href="#">Free Response Solutions</a>
6: Monday 10/14		Review <a href="#">Jeopardy Review Session Problems</a>	STUDY!	<a href="#">Review Session Solutions</a>
7: Tuesday 10/15		<b>Major Assessment</b>	None	