AP Calculus AB Name \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Implicit Differentiation Madness! Date \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

For each of the following equations, find using **implicit differentiation**.



1. 2.

***Challenge:***

3. Find the slope of 4.

 

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5.



6.





7.