Math 4B Summer 2020 Quiz #3	PRINT NAME			PERM NUN	IBER
No calculators		TA: Trevor Fabio	Ti	me:	☐ 6:30 ☐ 7:30
Today we will be working in group, and write down the answer in the group must turn in the	rs your group comes u			-	
1. Why do you think exact differ	ential equations are ca	alled "exact"? [There i	s a "right" a	nswer here.]	
2. When you are deciding how to [Is there a form they usually con		hat would give you th	e suspicion	that it might	be exact?
3. If you suspect that a differenti	ial equation is probab	ly exact, how can you	know for sur	re?	

4. How do you solve an exact differential equation?

5.	Make up your own exact differential equation and solve it below. [Your answer here should be different from the other members of your group]
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6.	Each member in turn, explain your solution to the rest of the group. While you are listening, write each differential equation and its solution below. [You don't need to copy all the work to solve, just listen to your groupmates' explanations.]
i	Equation:
	Solution:
ii	
	Solution:
iii	
	Equation: Solution:
	Solution: