Math 4B Summer 2020 Quiz #2	PERM NUMBER						
No calculators PRINT NAME							
Put your answer in the box provided. TA: Trevor Nick	Time: $\boxed{4:30}$ $\boxed{6:30}$ $\boxed{5:30}$ $\boxed{7:30}$						
1. What is the keyword? Today we will be working in groups of 3. Discuss the following questions about exact equations with your group, and write down the answers your group comes up with. You can each write the same things, but everyone in the group must turn in their own quiz.							
2. Why do you think exact differential equations are called "exact"? [There is a sentences.	"right" answer here.] Use complete						
3. When you are deciding how to solve a given DE, what would give you the suspicion that it might be exact? [Is there a form they usually come in?] Use complete sentences.							
4. If you suspect that a differential equation is probably exact, how can ye sentences.	ou know for sure? Use complete						
5. How do you solve an exact differential equation? Use complete sentence	es.						

6.	Make up your own exact differential equation and solve it below. [Your answer here should be different from the other members of your group]					
	Your equation:					
	Solve your equa	tion in the spa	ace below.			
					=C	
7.		ation and its			. While you are listening, write each all the work to solve, just listen to your	
	• Group mer	nber's name:				
	Equation:			Solution:		
	This groupmate presented how to solve their equation: This groupmate did no					
	• Group mer	nber's name:				
] [
	Equation:			Solution:		
	This group	mate presente	ed how to solve their equa	ation:	This groupmate did not present:	