IB PreHL Ch. 13 Names: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

NO Calculators (Group Assignment): 10 points

Attached all group numbers work and staple to turn in. Due end of period.

Work only within your group members. Any student collaborates with other group members will be penalized. Unclear work will not be rewarded with full credits.

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| --- | --- | --- | --- |
| 1.Simplify to a single trig expression:  **2.** Verify: |  |  |  |

3. Prove algebraically that the given equation is an identity.



3. Find all values of  in the domain . Leave your answers in exact form.

a. b. 

1. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ b.\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
2.  .
3. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_