Int 3MA C12 DDAY Name \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Per \_\_\_\_\_ Group \_\_\_\_\_\_

1. Simplify these fundamental identities

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| 1. Solve  for the interval   *Hint: What is sin(2x) ?* | 3. Solve  for all x |
| 1. Find all solutions in the interval : | 1. Find all solutions in the interval : |
| 1. Find the exact value | 1. Find the exact value |
| 1. Sketch  and show domain & range.     Domain: Range: | 1. Find if  and A is in the second quadrant. |
| 1. Verify | 1. Verify |
| 1. Write the equation of the parabola passing through points. | 1. Solve |
| 14. Solve | 15. Find the sum of the sequence: |
| 16. Solve | 17. Find the value of the third term of the binomial expansion of |
| 18. Consider the expansion of  Find k. | |