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

1. Simplify these fundamental identities

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| 1.
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| 1.
 | 1.
 | 1.
 | 1.
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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. |