Math 4 Honors

**Unit 4 Assignment Sheet**

**“Trigonometric Functions & Equations”**

**Lessons & Assignments Due Date**

Lesson 4-1: *Graphs of Identities*

HW: Day 1: WS #1 / 1 – 34 \_\_\_\_\_\_\_\_\_

Day 2: WS #2 / 1 – 25 \_\_\_\_\_\_\_\_\_

Lesson 4-2: *Proving Trig. Identities*

 HW: Day 1: WS #1 / 1 – 11 \_\_\_\_\_\_\_\_\_

 Day 2: WS #2 / 1 – 7, 1 – 6

 WS #3 / 1 – 7, 1 – 7 \_\_\_\_\_\_\_\_\_

**Quiz #1** \_\_\_\_\_\_\_\_\_

Lesson 4-3: *Sum & Difference Formulas for Cosine*

 HW: Complete worksheet \_\_\_\_\_\_\_\_\_

Lesson 4-4: *Sum & Difference Formulas for Sine & Tangent*

 HW: Complete worksheet \_\_\_\_\_\_\_\_\_

Lesson 4-5: *Double Angle Formulas*

 HW: Complete worksheet \_\_\_\_\_\_\_\_\_

 **Quiz #2** \_\_\_\_\_\_\_\_\_

 Lesson 4-6: *Trigonometric Form of Complex Numbers*

 HW: Complete worksheet \_\_\_\_\_\_\_\_\_

 Lesson 4-7: *DeMoivre’s Theorem and the nth Roots Theorem*

 HW: Complete worksheet \_\_\_\_\_\_\_\_\_

***Unit 4 Test***

 **Polar Graphing Group Activity**

 **“Form Meets Function” Project**