



**UNIT 3 – Chapter 4: Trigonometric Functions
& Chapter 5: Analytic Trigonometry**

| MONDAY | TUESDAY | WEDNESDAY | THURSDAY | FRIDAY |
|---|---|---|--|--|
| Oct 30 4.1 Radian & Degree Measures HW 4.1a (Pg. 263) #13, 17, 21, 25, 33, 41, 47, 49, 51 | Oct 31 4.1 Radian & Degree Measures HW 4.1b (Pg. 263) #67, 71, 77, 83, 87, 89, 93, 99, 115 | November 1 4.4 Trigonometric Functions of Any Angle HW 4.4 (Pg. 291) #11, 15, 23-35 odd, 39, 53, 55, 63, 65, 77, 79, 85, 103, 109; & Stoplight Reflection | Nov 2 4.2 Trig. Functions: The Unit Circle HW 4.2 (Pg. 272) #9, 11, 15, 17, 19, 27, 29, 31, 33, 41, 45, 47, 49, 57, 68; & Stoplight Reflection | Nov 3 No School Veterans Day |
| Nov 6 Quiz on 4.1–4.2 4.3 Right Triangle Trigonometry HW 4.3 (Pg. 282) #7, 13, 21, 23, 27, 31, 33, 37, 43, 53, 59, 61, 65, 71, 78, 79 | Nov 7 4.5 Graphs of Sine & Cosine HW 4.5 (Pg. 301) #9, 13, 29, 33, 35, 40, 45, 47, 49, 51, 57, 59, 71, 84, 87, 108, 111ab | Nov 8 4.6 Graphs of Other Trigonometric Functions HW 4.6 (Pg. 313) #9, 11, 13, 17, 19, 29, 35, 41, 43, 59 | Nov 9 No School – Thanksgiving Break Thanksgiving | |
| Nov 13 Quiz on 4.3–4.4 | Nov 14 5.1 Fundamental Identities & 5.2 Verifying Trigonometric Identities HW 5.1 (Pg. 356) #13, 19, 21, 23, 33-57 odd, 61, 65, 81, 87, 91 HW 5.2 (Pg. 364) #11, 15, 17, 19, 29, 35, 49, 52, 55, 57, 73, 75 | Nov 15 5.3 Solving Trig. Equations HW 5.3 (Pg. 375) #13, 15, 17, 25, 33, 37, 39, 41, 53, 57, 61, 65, 71, 79; & Stoplight Reflection | Nov 16 5.4 Sum & Difference Formulas HW 5.4 (Pg. 383) #9, 11, 17, 19, 23, 27, 31, 37, 43, 49, 55, 57, 67, 69, 73, 79 | Nov 17 5.5 Multiple Angle & Product-to-Sum Formulas HW 5.5 (Pg. 392) #9, 11, 21, 25, 29, 31, 39, 41, 45, 55, 57, 67, 71, 81, 85, 89, 115; & Stoplight Reflection |
| Nov 20 5.3 Solving Trig. Equations HW 5.3 (Pg. 375) #13, 15, 17, 25, 33, 37, 39, 41, 53, 57, 61, 65, 71, 79; & Stoplight Reflection | Nov 21 5.4 Sum & Difference Formulas HW 5.4 (Pg. 383) #9, 11, 17, 19, 23, 27, 31, 37, 43, 49, 55, 57, 67, 69, 73, 79 | Nov 22 5.5 Multiple Angle & Product-to-Sum Formulas HW 5.5 (Pg. 392) #9, 11, 21, 25, 29, 31, 39, 41, 45, 55, 57, 67, 71, 81, 85, 89, 115; & Stoplight Reflection | Nov 23 No School – Thanksgiving Break Thanksgiving | |
| Nov 27 4.7 Inverse Trigonometric Functions HW 4.7 (Pg. 324) #5, 6, 9, 12, 15, 17, 23, 51, 53, 55, 57, 59, 70, 83, 87; & Stoplight Reflection | Nov 28 Quiz on 4.5–4.7 & Notebook Check (Ch 4) | Nov 29 5.1 Fundamental Identities & 5.2 Verifying Trigonometric Identities HW 5.1 (Pg. 356) #13, 19, 21, 23, 33-57 odd, 61, 65, 81, 87, 91 HW 5.2 (Pg. 364) #11, 15, 17, 19, 29, 35, 49, 52, 55, 57, 73, 75 | Dec 4 5.3 Solving Trig. Equations HW 5.3 (Pg. 375) #13, 15, 17, 25, 33, 37, 39, 41, 53, 57, 61, 65, 71, 79; & Stoplight Reflection | Dec 5 5.4 Sum & Difference Formulas HW 5.4 (Pg. 383) #9, 11, 17, 19, 23, 27, 31, 37, 43, 49, 55, 57, 67, 69, 73, 79 |
| Dec 11 Notebook Check (Ch 5) <i>Finals Review</i> | Dec 12 <i>Finals Review</i> | Dec 13 <i>Finals Review</i> | Dec 14 <i>Finals Review</i> | Dec 15 <i>Finals Review</i> |
| Dec 18 <i>Finals Review</i> | Dec 19 Finals 2° & 4° | Dec 20 Finals 1°, 5°, & 7° | Dec 21 Finals 3° & 6° | Dec 22 Holiday Break NO SCHOOL |