

Oct 13-17	No School Columbus Day		Chapter 6 Test	7.1 Basic Trig Identities HW: Day #1	7.1 continued Chapter 6 Test Corrections HW: Day #2
Oct 20-24	Cumulative Review: Chapter 5 and 6 HW: Finish Review WS	7.2 Verifying Trig Identities HW: Day #3	7.2 continued HW: Day #4	7.3 Sum and Difference Identities HW: Day #5	Quiz 7.1-7.2 HW: Day #6 1 st Quarter Ends
Oct 24-31		7.4 Double and Half- Angle Identities HW: Day #7	7.3/7.4 Review HW: Day #8	7.5 Solving Trig Equations HW: Day #10	7.5 continued HW: Day #11
Nov 3-7	Review 7.3-7.5 HW: Study for Quiz!	VOTE!! (IF YOU CAN) Institute Day	Quiz 7.3-7.5 HW: Day #12	Chapter 7 Review HW: Day #13 (optional)	Chapter 7 Test
Nov 10-14		No School Veteran's Day			

Selected Homework Solutions

Day 1 (7.1 pg. 427): 18) 45° 20) 30° 44) $\csc(x)$ 46) $\tan(x)$ 48) $\cos(x)$ 50) $\sin(x)$ 52) $2\csc(x)$ Day 2 (7.1 pg.428): 34) $-3\sqrt{7}$ 38) $\sin 30^\circ$

Day 3 (7.2 pg. 434): 30) $\tan(x)=2$ Day 5 (7.3 pg.442): 14) $\frac{\sqrt{2}-\sqrt{6}}{4}$ 26) $\frac{621}{629}$ 28) $-\frac{36}{77}$ Day 6 (7.3 pg.442): 20) $-2 + \sqrt{3}$

30) $\frac{270 + 122\sqrt{5}}{19}$ Day 7 (7.3 pg.453): 18) $-\frac{\sqrt{2}-\sqrt{3}}{2}$ 22) $\frac{4\sqrt{2}}{9}, \frac{7}{9}, \frac{4\sqrt{2}}{7}$ Day 10(7.5 pg.459): 24) $30^\circ, 150^\circ$

Day 11(7.5 pg.459): 32) $0, \frac{\pi}{4}, \pi, \frac{7\pi}{4}$ 40) $\frac{\pi}{6} + 2\pi k; \frac{5\pi}{6} + 2\pi k$ 42) $\frac{\pi}{3} + 2\pi k; \frac{5\pi}{3} + 2\pi k$ 44) $\frac{\pi}{12} + \pi k; \frac{11\pi}{12} + \pi k$