

Calculus 12
Chapter 7 Derivatives of Trigonometric Functions

Test Deadline: _____

Daily Assignments

7.1 Limits of Trigonometric Functions

- Watch lesson video and complete notes
- Assignment: page 306 #7 - 37 (odd) * skip #29 *

7.2 Derivatives of the Sine and Cosine Functions (part 1 of 2)

- Watch lesson video and complete notes
- Assignment: page 313 #1 (a - t); 2 - 3 (a,c,e); 7, 10

7.2 Derivatives of the Sine and Cosine Functions (part 2 of 2)

- Watch lesson video and complete notes
- Assignment: page 314 #4, 5, 6a

7.3 Derivatives of Other Trigonometric Functions

- Watch lesson video and complete notes
- Assignment: page 319 #1 - 3 (odds); 9, 10, 12
- Quiz #1: sections 7.1 – 7.2 (do corrections)

7.4 Applications

- Watch lesson video and complete notes
- Assignment: page 325 #1 – 2 (a,b); 3 – 18 (any 8)
* Bonus for #5 – 7, 15 – 17 *

7.5 Inverse Trigonometric Functions (part 1 of 2)

- Watch lesson video and complete notes
- Assignment: page 334 #1, 3
- Quiz #2: sections 7.3 – 7.4 (do corrections)

7.5 Inverse Trigonometric Functions (part 2 of 2)

- Watch lesson video and complete notes
- Assignment: page 334 #2, 4 - 6

7.6 Derivatives of the Inverse Trigonometric Functions

- Watch lesson video and complete notes
- Assignment: page 339 #1 (a,c,e,g,k,m,o,q,s); 3 – 5; 7 (a,c)

7.7/7.8 Review Exercise/Chapter 7 Test

- Assignment: p 340 #1 - 3, 4, 5, 7 - 9, 11, 13, 14, 16 - 19 (b,d,f,h,j,l for all)
- Bonus: page 343 # 1; 2(a,c,e); 3 - 7, 9