Math 1022 - Precalculus Test 2 Review **Fall 2018**

Test 2 is scheduled for **Tuesday, November 13, 5:50-7:20p**. Refer to your section's signature sheets for the location of your section's room assignment.

No Calculators Allowed.

The SSC will be offering a *Review Workshop* for this exam on Saturday, 11/10, from 11:00a-1:00p in Tuttleman 300AB.

Please check the PASS Schedule, located in the PASS Module of the course Canvas page, for additional review opportunities.

NOTE: Many of the questions on this test will include concepts from different sections. Therefore, MEMORIZING REVIEW PROBLEMS IS COUNTERPRODUCTIVE. Instead, given a set of directions, you should know and understand the steps needed to answer the question. The rest is practice in applying these steps to different types of functions.

Students are responsible for the graphs and transformations of $y = \ln x$, $y = \sin x$, and $y = \cos x$. Additionally, students should be able to draw angles in standard position.

Text: **Stewart/Redlin/Watson** *Precalculus: Mathematics for Calculus*, **7**th Edition, Cengage Learning.

4.3	25, 27, 29, 31, 33, 65, 73, 75
4.4	9, 11, 19, 29, 37, 39, 47, 53, 54
4.5	6, 15a, 21a, 39, 41, 51, 53, 56, 65, 67
4.6	5a-c
Ch. 4 Review	55, 68
6.1	5, 9, 17, 19
6.2	5, 7, 23, 27
6.3	25-36, *For the following problems, draw the reference angle, and find* $\sin(-\theta)$, $\cos(-\theta)$, $\sin(\theta + 2\pi)$, and $\cos(\theta + 2\pi)$: 47, 51, 53
Ch. 6 Review	45, 57, 58, 59
5.3	9, 15, 29, 31
7.1	5, 10, 11, 13, 23, 25, 33, 37, 39, 45, 63, 71
7.3	3 and 5 (just $\sin(2x)$ and $\cos(2x)$), 51, 53, 75, 78

*The answers to all odd problems can be found in the back of the text. The answers to even problems will be posted on the **Math 1022 - Precalculus - Fall 2018** Canvas Course.