

## Review for Test 2

### Chapter 6 (sections 6.6-6.8) Summary pages 692-694

#### 1. Graphing (sections 6.6-6.8)

- a. Given a description of a trigonometric graph, write its equation.  
Page 698 #27 and page 688 #15-18.
- b. Be able to graph each of the 6 basic trigonometric functions and then graph variations using transformations. Check on graphing calculator.  
Page 695 # 47-70 and page 698 # 25-26.

### Chapter 7 (sections 7.1-7.6) Summary pages 765-766 Review problems page 766-767

2. Sections 7.1-7.2 Inverse trig functions. Page 766 # 1-20
3. Section 7.3 Fundamental Identities – Need to **memorize these**, they will **not** be on handout.  
Review problems page 766 # 21-37
4. **You will have a handout with test 2 that will be a copy of page 765 with the following identities:**

Section 7.4 Sum & Difference Identities	<b>Review problems:</b> Page 767 # 57-60 and also
Section 7.5 Double Angle & Half Angle Identities	# 61-70
Section 7.6 Product-to-Sum & Sum-to-Product	Page 767 # 49-52