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## Study Guide for MA180 Test IV



## 1) Please Review Your Test III, Since 50 Points of Test IV Will be Based on Problems From Your Test III.

2) Please Review Practice Test IV, and Chapter 6 and 7 Review Packet on my website (Note: My Solutions Are Also Available on the Site)
3) Please Review the Following HW Problems, and Bring Your HW binder to class next Week.

| $\begin{array}{r} 5.1 \\ 5.2 \\ \hline \end{array}$ | Do as many as possible from 1-70 odd Do as many as possible from 1-123 odd | Angles and Their Measure <br> Trigonometric Functions: Unit Circle Approach |
| :---: | :---: | :---: |
| $\begin{aligned} & 5.3 \\ & 5.4 \end{aligned}$ | Do as many as possible from 1-120 odd <br> Do as many as possible from 1-92 odd | Properties of Trigonometric Functions Graphs of Sine and Cosine Functions |
| Quiz Five 5.5 $5.6$ | $\begin{aligned} & 1-36 \text { odd } \\ & 1-21 \text { odd } \\ & \hline \end{aligned}$ | Graphs of Tan, Cot, Csc, Sec Functions Phase Shifts, Sinusoidal Curve Fitting |
| $\begin{aligned} & 6.1 \\ & 6.2 \end{aligned}$ | $\begin{aligned} & 1-62 \text { odd } \\ & 1-61 \text { odd } \end{aligned}$ | The Inverse Sine, Cosine, and Tangent Fns The Inverse Trig. Functions (cont.) |
| $\begin{gathered} \hline \text { Quiz Six } \\ 6.3 \\ 6.4 \\ \hline \end{gathered}$ | $\begin{aligned} & 1-55 \text { odd } \\ & 1-76 \text { odd } \end{aligned}$ | Trigonometric Identities Sum and Difference Formulas |
| $\begin{aligned} & \hline 6.5 \\ & 6.7 \end{aligned}$ | 1-49 odd, 57-68 odd, 83 <br> 1-55 odd, 61, 63 | Double-Angle and Half-Angle Formulas Trigonometric Equations I |
| $\begin{gathered} \hline \text { Quiz Seven } \\ 6.8 \end{gathered}$ | 1-70 odd | Trigonometric Equations II Omit Objective 3 |
| $\begin{aligned} & 7.1 \\ & 7.2 \end{aligned}$ | $\begin{aligned} & 1-65 \text { odd } \\ & 1-45 \text { odd } \end{aligned}$ | Right Triangle Trigonometry <br> Law of Sines |
| $\begin{gathered} \text { Quiz Eight } \\ 7.3 \\ 9.7 \end{gathered}$ | $\begin{gathered} 1-39 \text { odd } \\ 1,7,13,17,19,27,43 \end{gathered}$ | Law of Cosines <br> Plane Curves and Parametric Equations Obj. 1-4 |

