**Pre-Calc & Trig Final Review**

***Unit 6: Trig Function/Solving Triangles***

SOH-CAH-TOA  
Find missing sides/angles of right triangle  
Find missing sides/angles of non-right triangle

***Unit 7: Trig Identities***

Simplify  
Verify   
Evaluate other trig functions given tangent

***Unit 8: Solving Trig Identities***

Solve on the interval

***Unit 9: ACT (Seniors Skip)***

Find Mean  
Substitution (with and without Functions)  
Midpoint  
Solve Surface Area (equation given)  
Law of Sine and Cosine

***Unit 10: Pre-Calc/Trig Review Main Topics***

Rewrite or Evaluate Logarithms  
Solve Polynomial  
Solve Rational Exponents  
Solve Exponential Equations (check for extraneous solutions)

***Unit 11: Limits***

Currently not going to be on final since we just tested on it…  
(Note: Juniors… depending on how the test goes we may add it back onto the final)

**Pre-Calc & Trig: Review problems from the book**

***Unit 6: Trig Function/Solving Triangles***

Page 306 #5–12  
Page 434 #5–8, 45  
Page 441 #5–8

***Unit 7: Trig Identities***

Page 377 #1–6, 11, 15, 37, 43, 45, 47, 53, 75

***Unit 8: Solving Trig Identities***

Page 394 #5–17, 73

***Unit 9: ACT (Seniors Skip)***

***Unit 10: Pre-Calc/Trig Review Main Topics***

Page 241 #7, 8, 15–22  
Page 251 #13, 14, 43–45, 47–48   
Page 176 #9–12, 15–18   
bottom A22–A23, A25 #66–68

***Unit 11: Limits***

Won’t be on final as long as we do well on the test