




# PRE-CALC & TRIG

Day 69



# From Last Time

**6.6 page 401 #1-13, 15-35 (odd), 36-38**

**6.7 page 409 #9-21 (odd), 37**

Quiz: #1-2 Simplify [L2]

#3-4 Solve [L3]

#5 Solve [L4]

1.)  $256^{-\frac{3}{4}}$

2.)  $(8x^{-3})^{\frac{2}{3}}$

3.)  $\sqrt[2]{4x-7} + 2 = 5$

4.)  $\sqrt[3]{x+4} - \sqrt[3]{2x-5} = 0$

5.)  $\sqrt{2x+6} - \sqrt{x-1} = 2$

# Review Assignment (do what you need)

page 423 #5–70

page 427 #1–36

What do we need to go over before the  
test?!

# Things to Study for the Test

Rewrite from exponential to radical form and solve

Simplify (power of power, radicals, division)

Simplify  $f(x)$  and  $g(x)$  operations and find domain

Verify inverses

Solve (check for extraneous solutions when needed)

Solve using information from story problems