

Daily Agenda

Go over Chapter 6 Test  
 Unit 1 and 2 Review  
Exam Format  
 48 questions; some MC some fill in  
Day of Finals  
 Pencils with erasers  
 Calculator and extra batteries  
 Bottle of water  
 Something to do afterwards

Nov 15-8:24 PM

$$\begin{array}{l} \textcircled{1} \quad y-6 = -3(x-1) \\ \quad \quad y+12 = -3(x-7) \\ \quad \quad \quad y = -3x+9 \\ \textcircled{2} \quad y+6 = -3(x-2) \\ \quad \quad \quad y = -3x \\ \textcircled{3} \quad x-3y = -21 \\ \textcircled{4} \quad y = 7 \end{array} \quad \left| \quad \begin{array}{l} \textcircled{5} \quad y = \frac{5}{2}x - 5 \\ \textcircled{6} \quad 14 \\ \quad \quad 4x^2 - 12x + 14 \\ \textcircled{7} \quad f^{-1}(x) = \frac{2x+1}{5} \\ \textcircled{8} \quad 2 \leq x \leq 5 \end{array} \right.$$

Dec 15-11:29 AM

$$f(x) = x^2 + 2x \quad g(x) = 3x - 1$$

$$f(g(x)) = (3x-1)^2 + 2(3x-1)$$

Dec 15-11:34 AM

$$f(x) = \frac{5x-1}{2}$$

$$2x = \left(\frac{5y-1}{2}\right)2$$

$$\begin{array}{r} 2x = 5y - 1 \\ +1 \quad +1 \\ \hline 2x + 1 = 5y \\ \frac{2x+1}{5} = y \\ \frac{2x+1}{5} = f^{-1}(x) \end{array}$$

Dec 15-11:33 AM

$$\begin{array}{lll} 9) \quad x = -3 & 10) \quad \text{inconsistent} & 11) \quad x = 2 \\ \quad \quad y = 8 & & \quad \quad y = -1 \\ & & \quad \quad z = 3 \\ 12) \quad x = 1 & 13) \quad \begin{array}{l} \# \text{ reg fix } 215 \\ \# \text{ sen fix } 310 \end{array} & \end{array}$$

Dec 15-11:36 AM