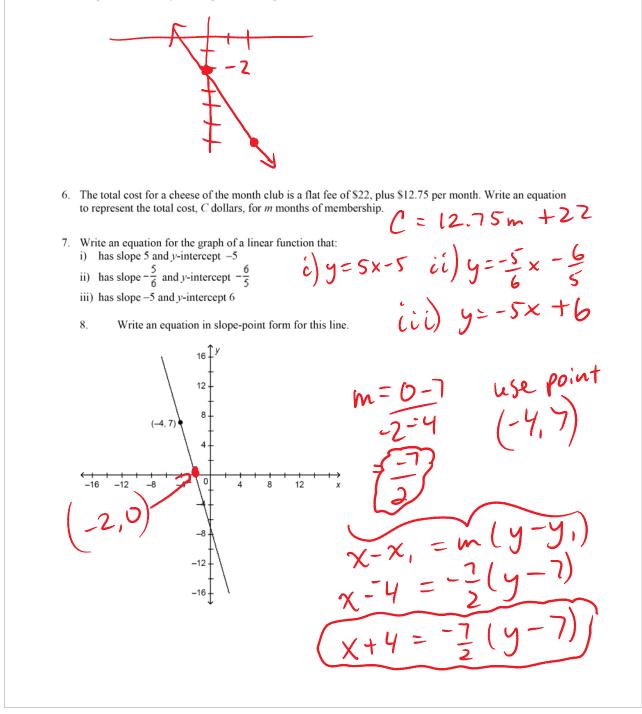
Monday, January 17, 2011 9:31 PM

Pre Calculus Foundations Math 10 End of Year Review—Chapter 6 Block : \_\_\_\_\_ Name: Show all work to receive full marks. 1. Determine the slope of this line segment.  $m = \frac{y_z - y_i}{x_z - x_i}$ m \_4 0 . \_8 8, -8 2. Determine the slope of the line that passes through (-11, -8) and (6, 16).  $\frac{y_{2}-y_{1}}{\chi_{2}-\chi_{1}} = \frac{16--8}{6--11} =$ 3. The slopes of two lines are  $\frac{1}{2}$  and  $\frac{1}{2}$ . Are the two lines parallel, perpendicular, or neither? 4. The slopes of two lines are -2 and  $\frac{1}{2}$ . Are the two lines parallel perpendicular or neither? These are negative vecipe of the second seco



## End of Year Review—Chapter 6

5. Graph the line with y-intercept -4 and slope -2.



Pre Calculus Foundations Math 10 End of Year Review—Chapter 6 9. Describe the graph of the linear function with this equation: y+7=-8(x+6)The eqn passes through the point (-6, -7)slope -8. and has a 10. Write this equation in slope-intercept form:  $y + 7 = \frac{2}{7}(x-5)$ 7y+49 = 2(x-5)7y+49 = 2x - 107y = 2x - 10 - 497y = 2x - 10 - 49- 59siope-inty-10=17(x-2)5y-50=17(x-2)5y-50=17x-345y=17x-34 + 155y=17x+165y=55 511. Write an equation for the line that passes through E(-3, -7) and F(2, 10). Write the equation in slope-point form and in slope-intercept form. 7 (x+3)

