



Point-slope form: $y - y_1 = m(x - x_1)$

2.) Find an equation of the line passes through the point (1,-2) and has a slope of 3.

$$m=3$$
 $x_i=1$

y - 7 = 3(X - 3) y + 2 = 3x - 3 y = 3x - 5

Pre-Calculus Lesson 1-1

3.) A jeweler's salary was \$28,500 in 2000 and \$32,900 in 2002. The jeweler's salary follows a linear growth pattern. What will the jeweler's salary be in 2006?