

Problem Set 1**Calculus 1****Due 9/10/03**

Each problem is worth 5 points. For full credit indicate clearly how you reached your answer.

1. Find an equation for a second degree polynomial passing through the points $(0,-10)$, $(2,-6)$, and $(-3,29)$.
2. How many second degree polynomials are there passing through the points $(2,-6)$, and $(-3,29)$? Give a general formula for all such polynomials.