## Quiz 1 <br> Calculus 1 <br> 6/11/04

Each problem is worth 5 points. For full credit provide proper justification for your answer.

1. If the monthly charge for garbage collection by a certain company is $\$ 18$ for 50 pounds of garbage and $\$ 24$ for 100 pounds of garbage, find a linear function that represents the monthly charge for collecting $x$ pounds of garbage.
