## Quiz 6 Calculus 1 10/2/2002

Each problem is worth 5 points. Show complete justification for full credit.

1. Differentiate $y=\left(6 t^{2}+5\right)^{3}\left(t^{3}-7\right)^{4}$.
2. Differentiate $\mathrm{y}=\sqrt{x+\sqrt{x}}$.
