

Mathematics 122 Quiz #15

Name: _____

Let $L(t)$ be the size of the total US labor force as a function of the year. The table below shows how the total labor force varied between between 1930 and 1990.

Year	1930	1940	1950	1960	1970	1980	1990
Labor Force (in thousands)	29,424	32,376	45,222	54,234	70,920	90,564	103,905

1. Estimate $L'(1930)$.

$L'(1930) \approx$ _____

2. Estimate the size of the labor force in 1925.

3. Estimate the size of the labor force in 1920.

4. And finally just to see if you really did the reading: Draw the graph of a function that is concave down.