MATH 3630 - Actuarial Mathematics I Fall 2016 - Valdez Quiz No. 1 Wednesday, 8 September 2016

Name:	 Student ID:	

Suppose you are given the following survival function of a newborn:

$$S_0(x) = 1 - \left(\frac{x}{100}\right)^2$$
, for $0 \le x \le 100$.

Calculate the probability that a 20-year-old will survive to reach age 50.