

MATH 3630 - Actuarial Mathematics I
Fall 2017 - Valdez
Quiz No. 1
Wednesday, 12 September 2017

Name: _____ **Student ID:** _____

Suppose you are given the following probabilities:

- ${}_3p_x = 0.75$
- ${}_4p_x = 0.65$
- $p_{x+4} = 0.85$

Calculate the probability that (x) will die between ages $x + 3$ and $x + 5$.