

**131.** Mortality for Audra, age 25, follows  $l_x = 50(100 - x)$ ,  $0 \leq x \leq 100$ .

If she takes up hot air ballooning for the coming year, her assumed mortality will be adjusted so that for the coming year only, she will have a constant force of mortality of 0.1.

Calculate the decrease in the 11-year temporary complete life expectancy for Audra if she takes up hot air ballooning.

- (A) 0.10
- (B) 0.35
- (C) 0.60
- (D) 0.80
- (E) 1.00