

171. You are given:

$$\mu_x = \begin{cases} 0.05 & 50 \leq x < 60 \\ 0.04 & 60 \leq x < 70 \end{cases}$$

Calculate ${}_4|_{14}q_{50}$.

- (A) 0.38
- (B) 0.39
- (C) 0.41
- (D) 0.43
- (E) 0.44