

**224.** A population of 1000 lives age 60 is subject to 3 decrements, death (1), disability (2), and retirement (3). You are given:

(i) The following independent rates of decrement:

$x$	$q'_x{}^{(1)}$	$q'_x{}^{(2)}$	$q'_x{}^{(3)}$
60	0.010	0.030	0.100
61	0.013	0.050	0.200

(ii) Decrements are uniformly distributed over each year of age in the multiple decrement table.

Calculate the expected number of people who will retire before age 62.

- (A) 248
- (B) 254
- (C) 260
- (D) 266
- (E) 272