

150. You are given:

- (i) Losses are uniformly distributed on $(0, \theta)$ with $\theta > 150$.
- (ii) The policy limit is 150.
- (iii) A sample of payments is:

14, 33, 72, 94, 120, 135, 150, 150

Estimate θ by matching the average sample payment to the expected payment per loss.

- (A) 192
- (B) 196
- (C) 200
- (D) 204
- (E) 208