

230. For a portfolio of independent risks, the number of claims for each risk in a year follows a Poisson distribution with means given in the following table:

Class	Mean Number of Claims per Risk	Number of Risks
1	1	900
2	10	90
3	20	10

You observe x claims in Year 1 for a randomly selected risk.

The Bühlmann credibility estimate of the number of claims for the same risk in Year 2 is 11.983.

Determine x .

- (A) 13
- (B) 14
- (C) 15
- (D) 16
- (E) 17