280. A compound Poisson claim distribution has $\lambda = 5$ and individual claim amounts distributed as follows:

x	$f_X(x)$	
5	0.6	
k	0.4	Where $k > 5$

The expected cost of an aggregate stop-loss insurance subject to a deductible of 5 is 28.03.

Calculate k.

(A) 6

(B) 7

(C) 8

(D) 9

(E) 10

281. DELETED

289. A compound Poisson distribution has $\lambda = 5$ and claim amount distribution as follows:

x	$p(x)$
100	0.80
500	0.16
1000	0.04

Calculate the probability that aggregate claims will be exactly 600.

(A) 0.022

(B) 0.038

(C) 0.049

(D) 0.060

(E) 0.070

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297. DELETED

298. DELETED

299. DELETED