

11-04-2019

22 risposte esatte \rightarrow esame superato

0.39 \rightarrow probabilità risposta esatta

1) TRUE \sim

2) $c(22, 0.39) \sim$

$X \sim \text{Bin}(z, p) \sim z=22 \quad p=0.458$

3) 22 DOMANDE $\rightarrow \text{dbinom}(22-22, 22, 0.458)$
 $\stackrel{!}{=} 3.459717 e^{-0.8}$ \sim

4) 31 DOMANDE $\rightarrow \text{dbinom}(31-22, 22, 0.458)$
 $\stackrel{!}{=} ~~0.004634712~~ \sim$
 $\stackrel{!}{=} 0.001997962 \sim$

5) $Pr(X \leq 26, 33) = \text{sum}(\text{dbinom}(0:4, 22, 0.458))$
 $\stackrel{!}{=} ~~0.004193 e^{-0.5}~~ \sim$
 $\stackrel{!}{=} 5.193617 e^{-0.5} \sim$