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Question: In class on 100 students, 80 students passed in all subject, 10 fai...

in class on 100 students, 80 students passed in all subject, 10 failed in one subject, 7 failed in two subject and 3 failed in three subject, find the probability distribution of the variable for number of subject a students from the given class has failed in



Expert Answer



Anonymous answered this
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Let X denote the no. of subjects. Then,

The probability of failing in 0 subjects is 0.8

The probability of failing in 1 subjects is 0.1

The probability of failing in 2 subjects is 0.07

The probability of failing in all 3 subjects is 0.03.

Hence,

X: 0 1 2 3

P(x=x): 0.8 0.1 0.07 0.03

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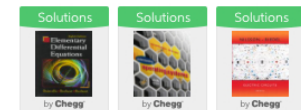
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We are tossing three coins, find the probability distribution of the number of tails.

See answer

2. The uniform distribution Aa Aa The Transportation Security Administration (TSA) collects data on wait time at each of its airport security checkpoints. For flights departing from Terminal 9 at John F. Kennedy

See answer

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Q: 2. The uniform distribution Aa Aa The Transportation Security Administration (TSA) collects data on wait time at each of its airport security checkpoints. For flights departing from Terminal 9 at John F. Kennedy International Airport (JFK) between 3:00 and 4:00 PM on Wednesday, the mean wait time is 10 minutes, and the maximum wait time is 18 minutes. [Source: Transportation...]

A: See answer  100% (6 ratings)

Q: We are tossing three coins, find the probability distribution of the number of tails.

A: See answer  100% (1 rating)

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