Practice quiz on Bayes Theorem and the Binomial Theorem

coursera

Practice Quiz • 25 min

✓ **Congratulations! You passed!**

CHANGE TO PASS 75% or higher

Keep Learning

GRADE
100%

Practice quiz on Bayes Theorem and the Binomial Theorem

TOTAL POINTS 9

✓ **Submit your assignment**

Try again
1 / 1 point

1. A jewelry store that serves just one customer at a time is concerned about the safety of its isolated customers.

✓ **Receive grade**

TO PASS 75% or higher

The store does some research and learns that:

Grade

100%

View Feedback

We keep your highest score

- 10% of the times that a jewelry store is robbed, a customer is in the store.

- A jewelry store has a customer on average 20% of each 24-hour day.

- The probability that a jewelry store is being robbed (anywhere in the world) is 1 in 2 million.

👍 👎 🚩

What is the probability that a robbery will occur while a customer is in the store?

○ $\dfrac{1}{500000}$

○ $\dfrac{1}{2000000}$

◉ $\dfrac{1}{4000000}$

○ $\dfrac{1}{5000000}$