

檢閱: Quiz 4: Probability & Calculus

回應者

03:47

完成時間

10/10

點數

✓ 正確 2/2 點數

2 / 2 點
已自動評分

1. What type of Calculus can be used for measuring change rate of a function?

- ☒ Differential Calculus ✓
- ☐ Integral Calculus
- ☐ Both
- ☐ None

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2. Suppose the probability of rainy weather is 0.2 and sunny weather is 0.8. The probability that a student goes to school on a rainy day is 0.12, and goes to school on a sunny day is 0.48.. What are the chances that students will decide to stay home regardless of the weather?

- ☐ 0.1
- ☐ 0.2
- ☒ 0.4 ✓
- ☐ 0.6

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3. If event A and B are mutually exclusive. What is the conditional probability $P(A|B)$?

- ☐ $P(A)$
- ☐ $P(AB)$
- ☐ $P(B)$
- ☒ 0 ✓

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4. The probability of event A $P(A) = 0.3$, event B is $P(B) = 0.7$. If event A and B are independent. What is the probability of both A and B happen?

0.21

數目必須介於 0 ~ 1 之間

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5. What is the expected value of a fair dice?

值必須是數字