Jui tea on	Friday, 11 October 2024, 1:12 PM
State	Finished
Completed on	Friday, 11 October 2024, 1:12 PM
Time taken	20 secs
Marks	0.00/5.00
Grade	0.00 out of 10.00 (0 %)
Question 1	
Not answered	
Marked out of 1.00	
Three dice are rolled	d till the first six appears on one of them. What is the mean number of rolls required, inclusive the last one?
Question 2	
Not answered	
Marked out of 1.00	
	coupon (5 from 90) is 200 HUF. In case of two winning numbers hit the lottery pays 1200 HUF, a triple pays 17500 HUF, ers result 1.65 million HUF while a fiver pays 1000 million HUF. Buying a single coupon what is the average gain?
four winning number	
four winning numbe	
Question 3 Not answered Marked out of 2.00 The nominal value of the same probability value of the share at Hint:	
Question 3 Not answered Marked out of 2.00 The nominal value of the same probability value of the share at Hint:	of a share is 4 golden galleon. In a year the value either can tripled, or halved or remain the same - each of the events has y. The same happens in the following years, independently of the events of the previous year. Find the distribution of the fter 4 years. What is the mean and the variance of the value?
four winning number \mathbf{Q} \mathbf{Q} \mathbf{Q} \mathbf{W} \mathbf{Q} \mathbf{W} \mathbf	of a share is 4 golden galleon. In a year the value either can tripled, or halved or remain the same - each of the events has y. The same happens in the following years, independently of the events of the previous year. Find the distribution of the fter 4 years. What is the mean and the variance of the value?
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four winning number \mathbf{Q} and \mathbf{Q} westion \mathbf{S} Not answered Marked out of 2.00 The nominal value of the same probability value of the share at \mathbf{H} int: If X,Y independen $E\xi=$	of a share is 4 golden galleon. In a year the value either can tripled, or halved or remain the same - each of the events has y. The same happens in the following years, independently of the events of the previous year. Find the distribution of the fter 4 years. What is the mean and the variance of the value?

Question 4

Not answered

Mark 0.00 out of 1.00

Create a **MATLAB** function that approximates the expected value in the following experiment with simulations!

Three dice are rolled till the first one appears on one of them. What is the mean number of rolls required, inclusive the last one?

The number of simulation should be $N = 10^3$. The variable m should store the approximation, i.e. the mean.

Use semicolons when defining variables!

With the Check button the code is free to run.

Answer: (penalty regime: 0 %)

Reset answer

→ Homework 5

Jump to...

Homework 7 ►



Kapcsolat: elearning@metk.unideb.hu