Question 1

Not answered

Marked out of 1.00

In 24 hours, time two ships arrive independently into the harbour of Chewbakka Bay, denoted by A and B, respectively. Ship A can be unloaded in 5 hours, while ship B in 9 hours. Workers start to unload a ship immediately after it's arrival and if the other ship arrives before they finish it has to wait. What is the probability that none of the ships has to wait?

[   ] ✗

One possible correct answer is: 0.50868055555556

Válasza helytelen.

Question 2

Correct

Mark 1.00 out of 1.00

A stick of length one meter is randomly broken into two parts. What is the probability that from the obtained parts and from a new stick of 0.9 meter length a triangle can be formed?

[18/20] ✓

One possible correct answer is: 0.9

Válasza helyes.

Question 3

Incorrect

Mark 0.00 out of 2.00

Two dice are rolled. Find the probability that the sum of the numbers obtained is 6 given the sum is even.

[5/36] ✗

One possible correct answer is: 0.27777777777778

Válasza helytelen.

We know that at least one of the five kids in a family is a girl. Find the probability of having also a boy in the family.

  ✗

One possible correct answer is: 0.96774193548387

Válasza helytelen.

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