**Exercise**

2. What is the distribution of X?

* **Binomial Distribution**

1. What is the probability that at least 47 students passed the test?

* 0.**04604658**

A screenshot of a computer program

AI-generated content may be incorrect.

1. A call center receives an average of 12 customer calls per hour.
2. What is the random variable (X) for the problem?

* **Number of calls per hour**

1. What is the distribution of X?

* **Poisson distribution.**

1. What is the probability that exactly 15 calls are received in an hour?

* **0.07239112**

A screenshot of a computer

AI-generated content may be incorrect.