

task 1

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Imagine a rare disease has begun to spread in Germany and the life of 900 people is seriously threatened.

Two alternative methods are proposed for the cure. The effectiveness of both methods has been accurately predicted with the help of scientific studies:

**Which method would you choose?**  
**Please tick your choice.**

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If method 1 is used, 300 people will be saved.

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If method 2 is used, there is a probability of  $\frac{1}{3}$  that 900 people will be saved, and a probability of  $\frac{2}{3}$  that no one will be saved.

task 2

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You have invested 80,000 euros in a company. The company got financial problems and now you expect a total loss of your investment due to the threat of insolvency.

In order to reduce the loss, your legal advisor offers you two alternative strategies:

**Which option would you choose?**  
**Please tick your choice.**

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If you choose option 1, you will surely lose 20,000 euros.

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If you choose option 2, there is a 1/4 probability that you will lose 80,000 euros, and a 3/4 probability that you will lose 0 euro.