ONLY NEED AWNSERS NO WORK NEEDS TO BE SHOWN

1.

Suppose that you have two regular 6-sided dice, with sides numbered from 1 to 6 on each die. **What is the probability of rolling them both at once, and getting a sum of seven?** Express your answer as a decimal and round your final answer to two decimal places.

Probability =

2.

Suppose that you and your friend are part of a group of 14 potential jurors. If two people from this group are to be chosen at random for the last remaining seats on the jury, **what is the probability that you and your friend are the two people chosen?** Express your answer as a decimal and round your final answer to two decimal places.

Probability =

3.

Suppose that you and your two friends Dora and Josh are at a small birthday party that has 10 people attending including the three of you. At the end of the party there’s a drawing with a first, second, and third prize. **What is the probability that you win the first prize, Dora wins the second, and Josh wins the third?** Express your answer as a decimal and round your final answer to four decimal places.

Probability =

**4.**



Express your answer as a decimal. Round your final answer to two decimal places.

Probability =

5.



Express your answer as a decimal. Round your final answer to two decimal places.

Probability =

6.



Express your answer as a decimal. Round your final answer to two decimal places.

Probability =

7.



P( female|international ) =

P( female ) =

Express your answers as decimals. Round your final answers to three decimal places.

8.



Mean=

variance =

Standard deviation=

Round your answers to two decimal places.