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1) How do you calculate the probability of an event?

$$P(A) =$$

2) What is a Sample Space? Give the sample space for an event of rolling a fair die.

3) What is the highest number a probability can be? What is the lowest?

4) From #2 about rolling a fair die, what is the probability of rolling a 5? You may leave your answer as a fraction.

5) In a group of college students, some like iced tea and others do not. There is no student in this group who is indifferent or has no opinion. Two students are randomly selected from this group.

a) Draw a tree diagram showing the possible outcomes. Then write the sample space.

b) What is the probability that 2 students like iced tea?