

Quick Hit 10

1. You roll three six-sided dice.

(a) How many outcomes are in the sample space?

(b) What is the probability that the sum of the dice is at least 5?

2. You roll two six-sided dice. Let O be the event that the sum of the dice is odd and let T be the event that the sum of the dice is two, three, ten, or twelve. Fill out the following Venn Diagram, illustrating the probability of each region.

