

Quick Hit 9

1. You are drawing a single coin from a bag. The bag contains 5 copper coins, 3 silver coins, and 2 gold coins.
 - (a) What is the sample space? *Hint:* use set-builder notation.
 - (b) What is the probability of drawing a copper coin?
 - (c) What is the probability of drawing a silver or a gold coin?
2. Consider a standard deck of cards (52 cards, 13 in each suit).
 - (a) What is the probability of drawing a heart or a spade?
 - (b) What is the probability of drawing a heart or a jack?