

Attendance Quiz 5

Name: _____ Date: _____

1. Describe the sample space for the following experiments:

- (a) One fair coin is flipped.

- (b) Two fair coins are flipped.

- (c) Three fair coins are flipped.

- (d) One marble is selected from a box containing red, yellow, or green.

- (e) Two marbles are selected from a box containing red, yellow, or green.

- (f) A dice is rolled and then a coin is flipped.

2. A coin is flipped twice. Find the sample space for the experiment, and represent each of the following events as a subset of the sample space.

- (a) The coin lands heads on the second flip.

- (b) The coin comes up heads at least once.

- (c) The coin comes up tails at most once.