

## Math 107: Quiz 9

Name: \_\_\_\_\_

To the following problems, provide detailed computation and valid reasoning.

1) List all possible outcomes when rolling two 6-sided dice. Then find the probability that the sum of two dice is *less than or equal to 5*.

2) A person performs a series of actions: flipping a coin, then rolling a die, and then drawing randomly a card from a deck of 52 cards. How many possible outcomes are there?

3) Find the probability of getting at least one Head when flipping a coin 5 times.