MA 110-91
§3.1-3.4⁻

Quiz #5

score

Name: _____

9 March 2002

1. Two dice are rolled. Find the probability that the sum of the two dice is 8 or larger. Explain. *(6 points)*

2. Three coins are flipped. Let E_1 be the event that at least one coin lands heads and let E_2 be the event that at least one coin lands tails. Are the events E_1 and E_2 mutually exclusive? Explain. Compute $p(E_1)$ and $p(E_2)$. *(7 points)*

3. From a jar containing 6 red marbles and 4 blue marbles, two marbles are selected at random. What is the probability that both selected marbles are red? Explain. *(7 points)*