

MA 110-07
§3.7-4.2

Quiz #7

score

Name: _____

10 April 2001

1. Two dice are rolled. Let A denote the event that the sum of the two dice is even, and let B denote the event that the sum of the two dice is odd. Are A and B independent? Explain. (7 points)

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2. Students in a Finite Math course make the following scores on a test: 45, 59, 65, 72, 73, 79, 81, 84, 85, 89, 96, 98.

- (a) Find the mean and the median test score. (6 points)

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- (b) If the cut-off scores for A, B, C, and D are 90, 80, 70, and 55, respectively, make a frequency histogram and a relative frequency density histogram (two different bar graphs) of the data. (7 points)