

MA 110-06
§2.1 - 2.2

Quiz #2

score

Name: _____

3 February 2003

1. If $U = \{a, b, c, d, e, f, g, h, i, l, k, l, m, n\}$, $A = \{a, c, e, g, m\}$, and $B = \{a, b, c, d, e, f, g, n\}$, find $A' \cup B$. (7 points)

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2. Illustrate the set $A \cup (B \cap C)$ with a Venn diagram. (6 points)

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3. In a survey of 823 students, we find that 428 like math courses, 226 like statistics courses, and 524 like neither (but wish they did). How many like both? Draw a properly labeled Venn diagram to illustrate. (7 points)