

MA 110-06 §1.1 - 1.3	Quiz #1	score	Name: _____ 22 January 2003
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1. Construct a Venn diagram to determine the validity of the following argument. State VALID or INVALID. Explain. (7 points)

1. Some criminals are dangerous.
2. Jennifer is a criminal.

Therefore, Jennifer is dangerous.

2. A numerical sequence begins with the numbers 1, 2, 4, 7, 11. Explain what pattern you think this sequence forms and determine the most likely next two numbers in the sequence. (6 points)

3. Compute the truth table for the logical expression $\sim p \rightarrow (q \vee r)$. (7 points)