MATH 1200 (SECTION E): HOMEWORK 1

DUE DATE: SEPT. 27 AT THE BEGINNING OF LECTURE

1. Determine and prove if the following statements are true or false. For false statements, change them as to make them True.

(a) $\{2\} \subseteq \{1, \{2\}, 3\}$
(b) $\{1\} \subset \{1, 2, 3\}$
(c) $\{1, 2, 3\} \subset \{1, 2, 3\}$