

Review:

Wednesday, December 09, 2015
12:10 PM

For $A = \{0, 1, 2\}$, $B = \{1, 2, 3\}$, and $U = \{0, 1, 2, \dots\}$
find:

$$a) \bar{A} = \{3, 4, 5, \dots\}$$

$$b) A \cup B = \{0, 1, 2, 3\}$$

$$c) A \cap N = \{1, 2\} \quad N = \{1, 2, 3, \dots\}$$

$$d) B \cup \bar{B} = U$$

For the same sets as previous, answer T or F.

$$a) A \subseteq N \quad F \quad \text{because } 0 \notin N$$

$$b) B \subset N \quad T$$

$$c) B \subset B \quad F$$

$$d) \emptyset \subset A \quad T$$

$$e) \textcircled{2} \subseteq U \quad F$$

not a set