

(PB0106) Now let A be the slightly weirder set $\{1, 2, \{1, 2\}\}$ and let B be the even weirder set $\{1, 2, A\}$. Which of the following statements are true and which are false? (again just write T or F).

(a) $1 \in A$.

(e) $1 \in B$.

(b) $\{1\} \in A$.

(f) $\{1\} \in B$.

(c) $\{1, 2\} \in A$.

(g) $(\{1, 2\} \in B) \Rightarrow (1 \in A)$.

(d) $\{1, 2\} \subseteq A$.

(h) $(\{1, 2\} \subseteq B) \vee (1 \notin A)$.