

**Discrete Test 2 Review (answer 12).**

(12) Given  $A = \{4, \{5, 7\}, 7, \{7\}, \{\{5\}, 7\}\}$ .

- $|A| = 5$

True or False?

- $\{\{5\}\} \in A.$  F

- $\{5\} \in A.$  F

- $5 \subseteq A.$  F

- $5 \in A.$  F

- $7 \in A.$  T

- $\{5, 7\} \in A.$  T

- $\{7\} \in A.$  T

- $\{7\} \subseteq A.$  T

- $\{\{7\}, 7\} \subseteq A.$  T

- $\{\} \in A.$  F

- $\{\} \subseteq A.$  T