## Try it!

```
Let A = \{1,2,3,4,5\}

B = \{1,2,5\}

Is A \subseteq A?

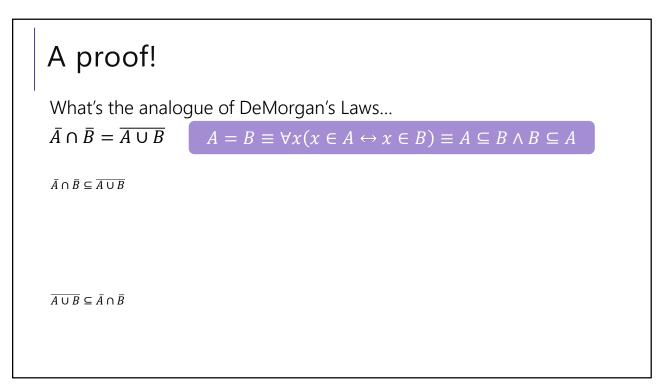
Is B \subseteq A?

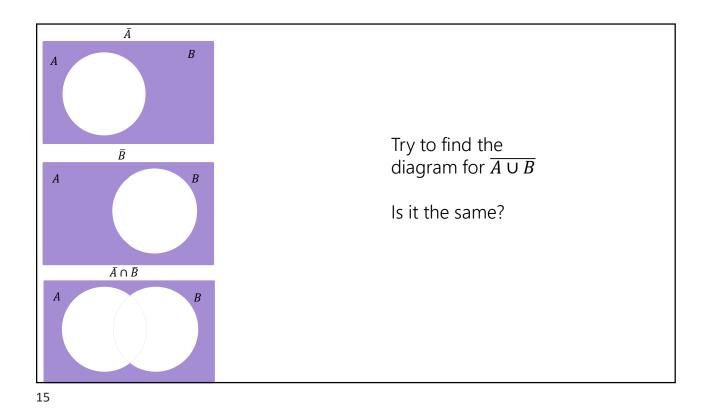
Is A \subseteq B?

Is \{1\} \in A?

Is 1 \in A?
```

6





## **Extra Set Practice**

Suppose  $A \subseteq B$ . Show that  $\mathcal{P}(A) \subseteq \mathcal{P}(B)$ .