Now You Try The sum of two even numbers is even.		Even An integer $x$ is even if (and only if) there exists an integer $z$ , such that $x = 2z$ .
Make sure you know: 1. What every word in the statement means. 2. What the statement as a whole means. Help me adjust my explanation!		
<ol> <li>Where to start.</li> <li>What your target is.</li> </ol>	<ol> <li>Write the statement in predicate logic.</li> <li>Write an English proof.</li> <li>If you have lots of extra time, try writing the symbolic proof instead.</li> </ol>	

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  $1 \in A$ ?



