

Day 11: Subgroups

1. Whiteboard pages 1 and 2.
2. **Work on Day 11 Class Work. Leave 15 minutes for discussions.**
3. **Proof of the Day:** Whiteboard pages 3 through 5.
 - **Page 3:** Since G is a group, $ab, \varepsilon, h^{-1} \in G$. We must show that those elements are in H .
4. **(Time permitting)** Whiteboard page 6.