

Day 21: Multiplying / Adding Cosets

1. Whiteboard pages 1 through 3.
 - **Page 3:** See Chapter 21 reading for coset *sum* when the group operation is *addition*.
2. **Work on Day 21 Class Work. Leave 15 – 20 minutes for discussions.**
3. Whiteboard pages 4 through 6.
4. **Proof of the Day:** Whiteboard page 7.
 - The commutativity of G is needed only for $aH \cdot bH \subseteq (ab)H$.