

Day 35: When is $F[x]/\langle g(x) \rangle$ a Field, Part I

1. Whiteboard pages 1 through 4.
 - **Page 2:** The first part of this theorem has already been proved by generalizing from this example.
2. **Work on Day 35 Class Work. Leave 10 – 15 minutes for discussions.**
 - Leave page 3 up when beginning the post discussion.
3. Whiteboard page 5.
4. **Proof of the Day:** Whiteboard page 6.