

Discussion Notes Example

MATH 2243

2025-10-21

1 Discussion <pack here> — <sheet or topic> (<YYYY-MM-DD>)

Warm-up Drill

- Capture the raw bullet points from the session.
- **Tag:** Use the optional label to add a cue such as Warm-up/Action.

Main Worksheet

- Call back to earlier sections with Section 1 to keep continuity.
- **Check:** Note any grading or rubric cues.

DEFINITION 1 *Optional subtitle*

Use this grayscale box for quick definitions or terminology that surfaced during the discussion.

THEOREM 1 *Optional subtitle*

Drop rules-of-thumb or impromptu proofs here.

Example 1

Optional subtitle

Keep scratch calculations or sketches near the discussion log.

Tip: Add labels (`\label \{\}\}`) inside any block to make cross-referencing easy, e.g., Definition 1.

Disc W7 • Problem Q3 — GBW warm-up

Estimate the settling time for a 1% error band when the amplifier from ?? drives a unit-step input. Reference ?? for terminology.

Solution. Approximate the closed-loop response with the dominant pole from ?? and apply the standard $4/\zeta\omega_n$ heuristic. Compare the estimate with the measured values in the lecture log.