

# TA Orientation: What is a recitation?

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# Lecture vs. recitation

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  - You will be doing these examples in recitation.

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  - Usually weekly quizzes, but maybe not (e.g., worksheets, group work)

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  - There are rarely questions specifically about the material.

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- Give the quiz (if the instructor wants it).

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- Example problems for introducing the definite integral:
  - **Good:** Evaluate the integral  $\int_0^3 \sqrt{9 - x^2} dx$  by interpreting it in terms of area.
  - **Not as good:** Use the midpoint rule with  $n = 6$  to approximate  $\int_0^3 \sqrt{9 - x^2} dx$ .

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- Prepare more problems than you need.
  - Choose at least one from each topic.
- You should know *why* the solution works rather than just *how* to solve the problem.

# How to teach

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  - Instead, explain steps and ask for the class' input.
- Be sure to look at the class as you explain concepts (especially if you speak quietly).
- Ask for questions regularly.

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  - Tell the student to ask after class or come to your office hours.

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