

# PHY2049 Summer 2018

## Lecture 3 Review Questions

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### Chapter 24: Gauss' Law

Review the following problems (challenge problems given by \*):

- **Section 24.1:** 3, 7
- **Section 24.2:** 15<sup>\*1</sup>, 19, 23<sup>\*2</sup>
- **Section 24.3:** 29

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<sup>1</sup>*Hint: imagine enclosing this charge with a rectangular box. If two of these surfaces are infinitely large sheets, how much flux goes through the other 4 surfaces of the box?*

<sup>2</sup>*It's not critically important if you can't figure this one out. I'll talk about it on Wednesday, May 23.*