

## Quiz 8 (Oct. 17, 2013)

Name:

- 1 Draw a picture of Compton and Inverse Compton Scattering.
- 2 How do the photon energies in Inverse Compton Scattering depend on  $\gamma$ ? What is  $\gamma$ ?
- 3 Draw a picture of the SZ effect.
- 4 What is the magic SZ frequency, and what makes it magic?