

Reminder

Exam 1 takes place Thursday, September 28.

Please bring your own paper to work on.

The material covered is Chapter I
with the following exceptions:

- ▶ Section 3 on stereographic projection
- ▶ Riemann surfaces

Quiz

1. Find a complex number z with the property that $e^{iz} = 2i$.
2. Show that $\sin(iz) = i \sinh(z)$ for all values of the complex variable z .
3. Draw a picture of the set of values of the complex variable z for which $|z| = |\operatorname{Re} z| + |\operatorname{Im} z|$.