MA111: Contemporary mathematics

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SCHEDULE:

- HW 11A due Monday Nov 7, 2011.
- Prelim project due Wednesday Nov 9, 2011.
- HW 11B due Monday Nov 14, 2011.
- Chapter 11 Exam Monday Nov 14, 2011.

Today we are going to practice carrying out rigid motions and identifying Frieze groups.

Some external sites

- Use GeoGebra to check your work on the rigid motion worksheet

- Guess the border pattern on Jack's sketchpad

- Identify the iron-wrought Frieze patterns

- You might browse the geometry lectures from John O'Connor at St. Andrews. He gives a reasonably light overview of several advanced courses in mathematics.

- You might browse Dartmouth's course on art and mathematics

- Work the exercises at `http://www.geom.uiuc.edu/~lori/kali/`

- You might play with Kali a symmetry sketchpad

- Another sketchpad