Class Prep (prepare for Monday, February 5)

- Review definitions of parabolas (the wikipedia article on parabolas is decent).

- Bring at least 5 sheets of regular origami paper with you to class Monday.

Problems (due Friday, February 9 at the beginning of class)

1. Let $(H, *)$ be a subgroup of some group $(G, *)$ and let $a, b \in G$. Show that either $a * H = b * H$ or $a * H \cap b * H = \emptyset$ (in words, that the cosets of a subgroup created by two elements of G are either identical or have nothing in common).

2. Finish assembling your buckyball with your group if you have not yet done so.