# Last Days

Goodbye.

### Final Exam

Wednesday, Dec 7th, 11:30a - 2:30p Haynes 220

### **Format**

## 47 Multiple Choice Questions

- 44 are worth 5pts
- 3 are worth 10pts
- 250 pts total

### Most Important Topics

- Transformation ordering
- Moving between bases

Same as midterm

#### **Practice Questions**

- What were the formulas used during project 3?
- What are the dependent variables when trying to find where a line's vanishing point is?
- What sequence of matrices reflects point P around an arbitrary plane, given the plane's equation?
- What sequence of matrices change a point's basis from any pair of arrows A
  to a pair B? (Be careful: Try a simple case first where A is just a single
  translation away from being B)
- What's one sequence of matrices that can be used to connect two squares by a corner?
- Implicit, Explicit, and Parametric -- How do you convert between any pair of these equation types?