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**Homework 11 due Friday 4/15**

1. read the 'Parallel projection theorem' stated on p. 171.
2. (15 points) p. 171, problem 18
3. (15 points) p. 171, problem 19
4. (15 points) p. 171, problem 20
5. (15 points) p. 171, problem 21
6. read problem 22.
7. (10 points) Let  $X, Y, Z$  be collinear distinct points. Show that there exists no circle through  $X, Y$  and  $Z$ .