

Due February 21

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Name

For this homework set you are allowed to work with other members of either of the geometry classes. However, you must cite everyone with whom you have discussed your problem.

In addition, you may **NOT** consult with anyone (except me) when you write your paper explaining your problem(s).

*“Mystical explanations are considered deep. The truth is that they are not even superficial.”* — Friedrich Nietzsche

*“Men are apt to mistake the strength of their feeling for the strength of their argument. The heated mind resents the chill touch and relentless scrutiny of logic.”* — William Gladstone

### Problems

- Know the answers to the Review Exercises (T/F) of Chapter 3 (Page 145)

Remember that you may use any previous problem as part of the justification for your problem(s).

1. (**Chris M, Caitlin, Joe, Dakota, Oscar**): Do Exercise 6 and Exercise 15 of Chapter 3.
2. (**Greg, Chris L, Peter, Billy, Kyle**): Do Exercise 12 (Proposition 3.9 (a) only) and Exercise 16 of Chapter 3.
3. (**James, Clay, Nathan, Matthew, Wilson**): Do Exercise 12 (Proposition 3.9 (b) only) and Exercise 17 of Chapter 3.