

Math 51: Project I
Angle of Elevation and Modeling with Trig Functions
(24 points)

Requirements:

1. Typed cover page with a title and your name(s).
2. Answer all questions, using complete sentences and showing all your work. Points will be taken off if problems are not answered clearly.
3. You may work in groups of up to 3 people.

This project is due by **July 23**, at the beginning of class.
Late projects will not be accepted, under any circumstances.

3. Are you surprised at the difference in angle measurements from the previous 2 problems? Why or why not?

4. The ADA states that wheelchair ramps are to have a slope that is no more than $1/12$.

a. If there were to be a ramp going straight from A to B, would it meet the ADA standards? Explain.

b. If there were a ramp going along the street's curves, would that ramp meet the ADA standards? Explain.

