

How Steep Can You Be?

NAME _____

Select a piece of property on which to calculate percent slope. This piece of land can be near your school, near your house, or at some other location with which you are familiar. The only requirement is that the piece of land must have a building on it, since you will consider what needs to be done to create defensible space around the building.

1. Is your property primarily covered with grasses, shrubs, or trees?
2. Use your Percent Slope Tool to take at least three measurements of the percent slope of your property. It is likely that you will get slightly different measurements at different locations. What percent slope **best describes** your property?
3. What is the recommended defensible space distance for the percent slope of your property?
4. Convert percent slope to degrees using your Percent Slope Tool.
5. Sketch the slope of your property, using a protractor to correctly mark the number of degrees. Include vegetation in the sketch of your property.

6. Sketch a site plan of the property that you selected. Include the location of any buildings, and indicate any shrubs, trees, or grass that appear on the property.