Figure 1 shows some of the data collected by one of the teams last Friday.
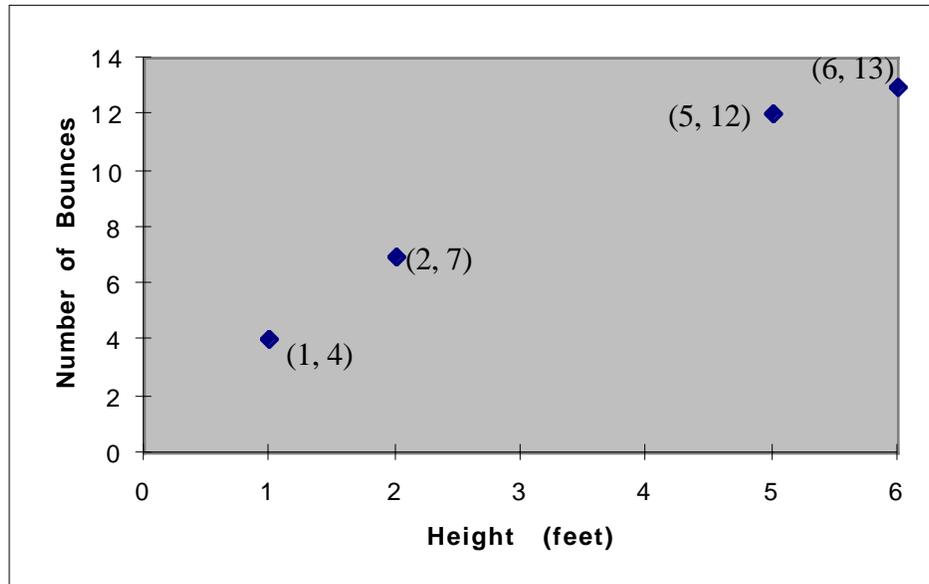

Figure 1: Number of bounces versus height of drop for a super ball

- *Find formulas for two linear functions that could be used together to represent the relationship between height and number of bounces.*

- *Where do the two linear functions intersect?*

- *What is the domain of each of linear functions?*

- *What does the slope of each linear function mean in terms of height and number of bounces?*