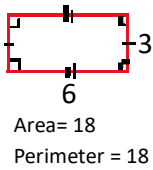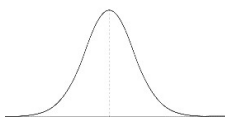## Activity 2: Comparative Table

This activity is more freeform and is best used to show students how different variables change different aspects in graphs, shapes etc. Two examples of this activity are provided below, one for a year 7 class and one for a year 12 advanced class, but the key idea can be extrapolated to many different areas and levels of mathematics. For year 7, I created groups and let students compete to fill in all the squares for the perimeter and area of a square in the table after explaining how it works, without telling students how decimals affect these variables.Students competed to draw shapes that had perimeters and areas less than, equal or more than the middle shape I drew. The year 12 table was an explorative discussion to show how normal distribution graphs are affected according to the standard deviation.

Perimeter

	Lower	Equal	Higher
Lower			
Equal		Area= 18 Perimeter = 18	
Greater			

Area

Standard Deviation

	Lower	Equal	Higher
Lower			
Equal			
Greater			

Mean