Thoroughly analyze Georges Seurat's *La Parade* for evidence of the Golden Ratio.

This will involve finding and photocopying a photograph (as opposed to an image off the web), *or* finding an image off the web and verifying that its dimensions are in the same proportion as the original, *or* using an image from the web and correcting every ratio for the distortion that occurred.

You will be looking to see whether horizontal lines cut the height into mean and extreme ratio, whether vertical lines cut the width into mean and extreme ratio, and whether any of the various rectangles (or implied rectangles) are golden. You will discuss what you think is a reasonable acceptance range, how you decided where on a line to measure to (particularly in the case of something side, like the balustrade, you might want to measure to both sides, and to the middle, and do separate calculations for each).

If you do find ratios that are within the acceptance interval for the Golden Ratio, are they closer to the Golden Ratio, or to 8/5? Can you find any reasons for suspecting that one of these was intended by Seurat, rather than the other? Is there any evidence that Seurat was using the Fibonacci numbers as his guide?

Of course, include plenty of pictures and diagrams, as well as calculations. Begin with an introduction, state your results early on, support them with calculations, and end with a conclusion.