Sell Me Your Watch

One of my fun facts is that I like wristwatches. Therefore, I would like to buy a watch from one of you. Please present your watch to me and convince me to buy it! Here is the anatomy of a watch:

Your assignment is to draw, using Processing, a watch of your choice that you would like to sell me. Pick any watch (if you need suggestions, feel free to look here.) and draw it as accurately as you can. For example, here is the watch that I wear, but on Processing:

Your watch must have *at least* the following features:

- A case

- Hour, minute, and second hands (fixed at any time)

- Hour markers

How much I like your watch will depend on how many details it has. For each of the following, your watch will gain a point. I will buy the watch with the most points.

- Add a watch crown. (Look on diagram above)

- A sub-seconds dial (an offset seconds hand, like in my watch)

- Make your seconds dial rotate

- Your watch can stretch with the output window size

Rules: You may not declare or use any functions that have not yet been discussed in the course. In addition, you may not use loops or conditional statements.

Tips: Use the `text()` method to inscribe letters and numbers onto your watch dial, and the `cos()` and `sin()` functions to place your markers around the dial and make your seconds hand rotate. The `strokeWeight()` function can increase the thickness of your lines (the watch hands). In addition, you may use the `rotate()` and the `translate()` functions to rotate hour markers (for example, the roman numerals on this watch).

The Presentation

Each group will be expected to give a 2-5 minute presentation on their watch–the watch they chose on Thursday, but *did not code.*

During your presentation, you must share the name of the watch you chose and how much it costs. In addition, you will be given the .pde code from the group that programmed your watch, and you will have to explain how it works on Processing. Since you are trying to sell me your watch, elaborate on the features of your watch that make it special!