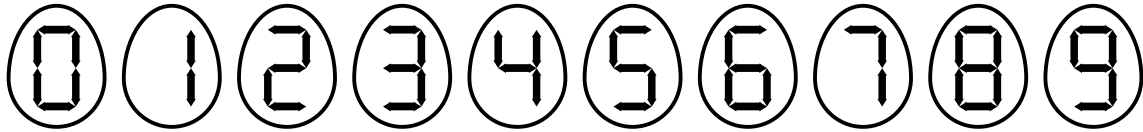
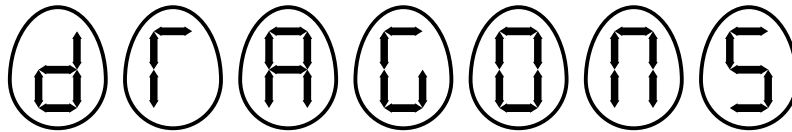


## Puzzle #20: Egg Timer

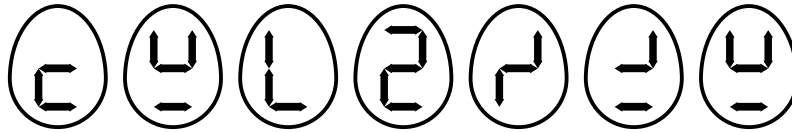
Well, I had great plans to modify a simple digital egg timer I owned to flash secret messages for a puzzle. But it seems that the device had a mind of its own. I tried to rewire the electronics in the LED display so that letters could be formed, but the timer was determined to display only digits 0 through 9:



As a result, the letters I was trying to display were malformed. It turns out, though, that there is regularity in the corruption of the letters. In a given word the first letter that should be displayed has the LED segments corresponding to a “1” toggled (if on, it goes off; if off, it goes on). The second letter of the word has the segments of an LED “2” toggled on or off, and so forth. For example, seven-letter word “DRAGONS” I would have wanted to appear like this:



but the egg timer corrupted the letters into this (toggling of segments for digits 1-7 above):



Turns out, this makes for a good puzzle in its own right. Below are all of the corrupted letters displayed from a 4-word message announcing a Clutch-of-Eggs sticker location. They are presented to you scrambled (out of order not only within a word, but also letters are mixed between the words). Can you figure out what the letters are, which words they belong to, and thus where the Clutch-of-Eggs sticker is?

