EXERCISE 3.4: Consider the case where the harmonic frequencies are not integers, for example, $\{f_k\} = \{3.5, 5.6, 9.8\}$ (in Hz). It might be possible to find a scaling constant λ such that λf_k is an integer for all k. In this particular case, $\lambda = 10$. Now we can use the gcd on the scaled frequencies as follows:

$$F_0 = (1/\lambda) \gcd\{\lambda f_k\}$$

Apply this result to find the fundamental frequency for $\{3.5, 5.6, 9.8\}$ Hz.