$$k F_0 = 1379$$

$$\ell F_0 = 1773$$

$$k, \ell, m \quad \text{INTEGERS}$$

$$m F_0 = 1970$$

$$\begin{array}{r} 66 \\ 1773 \\ -1379 \\ \hline 394 \end{array}$$

$$\begin{array}{r} 86 \\ 1970 \\ 1773 \\ \hline 197 \end{array}$$

$$197 \\ \times 2 \\ \hline 394$$

$$\ell = k + 2$$
$$m = \ell + 1$$

$$F_0 = 197$$
$$m = 10$$
$$\ell = 9$$
$$k = 7$$

$$\sin(2\pi f t) \quad \text{HAS SAME PITCH}$$
$$f = 197 \; Hz$$