

$$kF_0 = 1379$$

$$lF_0 = 1773$$

$$mF_0 = 1970$$

k, l, m INTEGERS

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

$$\begin{array}{r} 96 \\ 1970 \\ -1773 \\ \hline 197 \end{array}$$

$$\begin{array}{r} 197 \\ \times 2 \\ \hline 394 \end{array}$$

$$\begin{aligned} l &= k + 2 \\ m &= l + 1 \end{aligned}$$

$$\begin{aligned} l_0 &= 17 \\ m &= 10 \\ l &= 9 \\ k &= 7 \end{aligned}$$

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