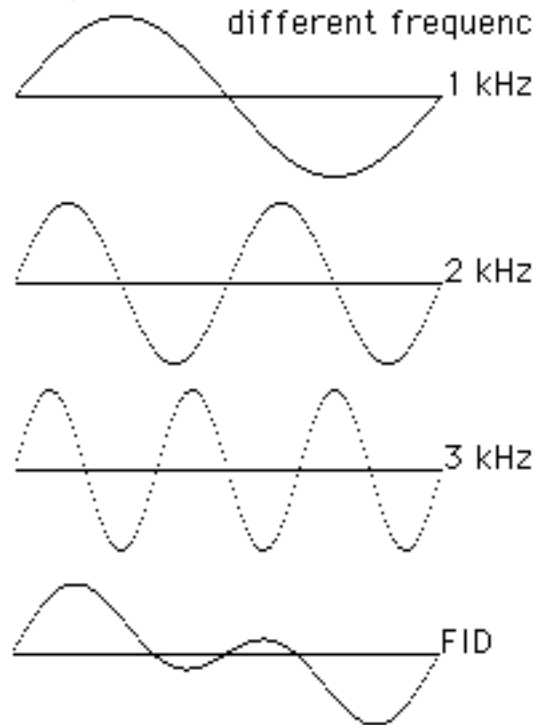
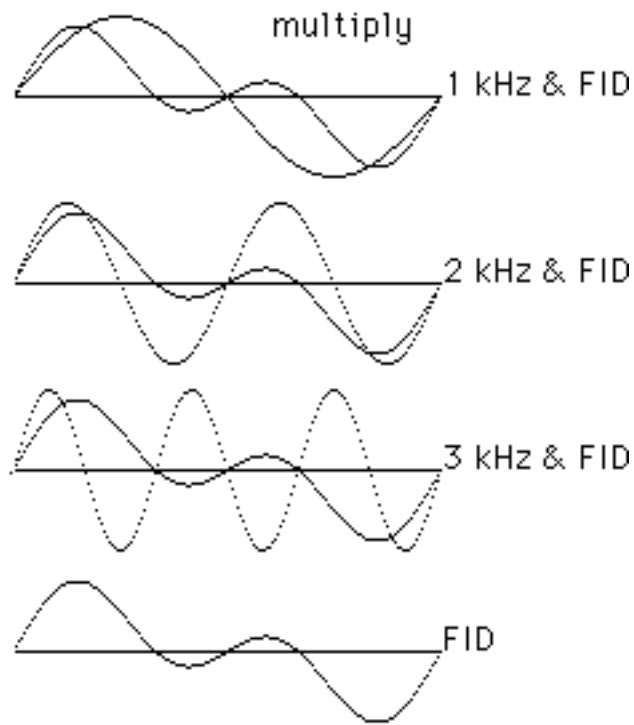


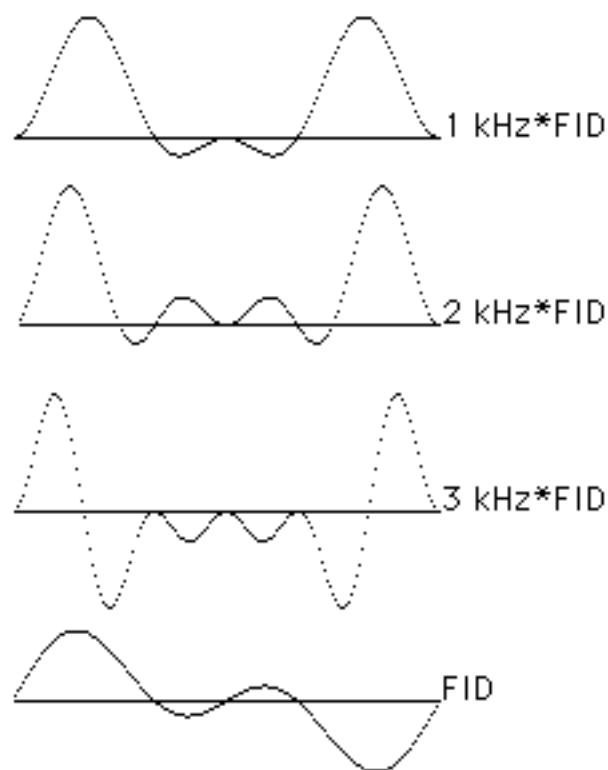
compare $f(t)$ with sin waves of different frequency



superimpose $\sin(nkt)$ and $f(t)$ and multiply



$\sin(nkt) * f(t)$



add up $\sin(nkt) * f(t)$ points

