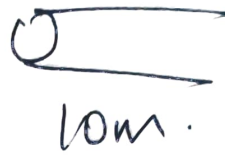


(7) 1 kHz. no dB Boost.



$$\frac{\frac{1}{9}}{\frac{1}{(10)^2}}$$

$$\frac{10^2}{9} = \frac{P_1 (3m)}{P_2 (10m)}$$

$$P_1 = 11.11 \text{ times greater.}$$

11.11 in dB is a 10.45 difference
10.457 dB difference.