

Tuesday, January 28, 2025 12:00 PM

$$\frac{V_o}{V_i} = 1000$$

$$\log_{10} x$$

$$x = 100$$

i dB are dimensional

$$\frac{V_o}{V_i} = 10 \text{ dB}$$

$$33 \text{ dB}$$

$$\begin{array}{cccc} 10 & + & 10 & + & 10 & + & 3 \\ \downarrow & & \downarrow & & \downarrow & & \downarrow \\ 10 & \times & 10 & \times & 10 & \times & 2 \end{array}$$

$$1 \text{ dB} \rightarrow 1,25$$

$$2 \text{ dB} \rightarrow 1,6 \quad \text{rodzyna}$$

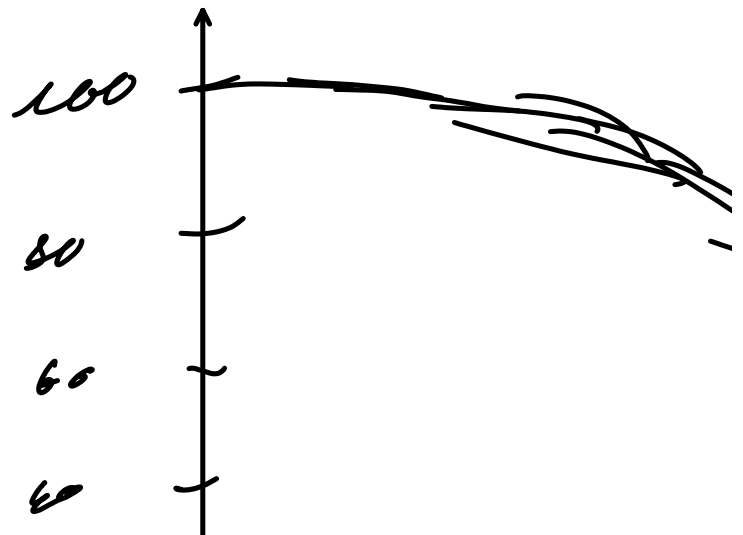
$$3 \text{ dB} \rightarrow 2$$

$$4 \text{ dB} \rightarrow 2,5$$

$$5 \text{ dB} \rightarrow 3$$

$$6 \text{ dB} \rightarrow 4$$

$$7 \text{ dB} \rightarrow 5$$



8 dB \rightarrow 6,7

9 dB \rightarrow 8

10 dB \rightarrow 10

