

Answers of Assignment-8

Q. No.	Answers (Assignment-8)
1.	a. 0.04pW (pico Watt), b. 1600, c. 8800 (for 1k-Ohm), 880 (for 1M-Ohm), d. Power Gain for three cases= 32×10^9 , 10^{11} , 10^{12}
2.	(a). $V_2 = V_1$ (b). $V_2 = -1000 V_1$ (c). $I_2 = V_1 / 10k\text{-Ohm}$ (d). $V_2 = 10.5 (V_{13} + V_{14}) - 10 (V_{11} + V_{12})$ (e). $I_2 = (10/R) V_1$
3	<p>one possible design</p>