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 $W = Pt$   $P = I^2 R = (5 A)^2 (4 \Omega) = 1175 \text{ mW}$   $t = 11175 \mu\text{s} = 11.175 \text{ ms}$  Section 4-2 Power in an Electric Circuit 17.  $R_L = A^2 V^2 = I V = 37.5 \text{ ? } 18. P = VI = (5.5 \text{ V})(3 \text{ mA}) = 16.5 \text{ mW}$  19.

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This text provides optional computer analysis exercises in selected examples, troubleshooting sections, & applications assignments. It uses frank explanations & limits maths to only what's needed for understanding electric circuits fundamentals.

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