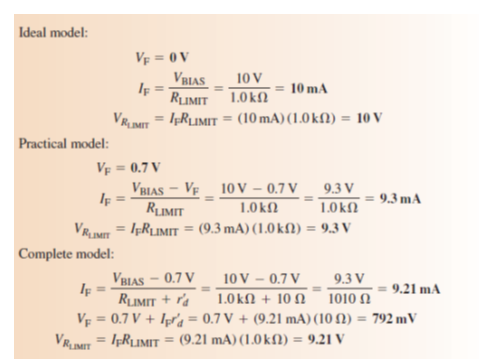
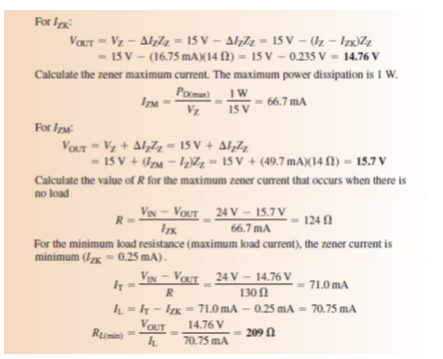
**Solution**

**Problem 1.**

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**Problem 2.**

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If you take *R* = 124 Ω, *R*L is ~ 198 Ω

**Problem 3.**

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