Q1. Problems 2b, 2c.

Q2. Problems 3e, 3f, 3j, 3k.

Q3. Problem 4c. *Answer:* $R = 3/8\,\Omega$.

Q4. Problem 5b. *Answer:* $v_{\mathrm{TH}} = 72/31\,\mathrm{V}$, $i_{\mathrm{N}} = 6\,\mathrm{A}$, $R_{\mathrm{TH}} = 12/31\,\Omega$.

Q5. Problem 6a. *Answer:* $R \in \{2,\,8\}\,\Omega$.

Q6. Problem 7b. *Answer:* $R = 7/2\,\Omega$, $P_{\mathrm{max}} = 72/7\,\mathrm{W}$.

Remark. You are strongly encouraged to attempt the rest of the problems in the problem set ZPS II, which is available on the course web site.